Faculty of Arts and Sciences
Course Catalog Preview

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African and African American Studies

Subject: Hausa

Hausa AA

Elementary Hausa (126307)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Hausa a most widely used native language and lingua franca in West Africa at the Elementary level (First year part 1). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to complete both terms of this course (parts AA and AB) within the same academic year.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Hausa
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course
FAS: Course Level	Primarily for Undergraduate Students

Hausa AB

Elementary Hausa (205858)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Hausa a most widely used native language and lingua franca in West Africa at the Elementary level (First year part 2). Contact hours supplemented by language digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. This course is offered only in the Spring.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Divisible Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Hausa

Hausa BA

Intermediate Hausa (118963)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Hausa a most widely used native language and lingua franca in West Africa at the Intermediate level (Second year part 1). Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to complete both terms of this course (parts AA and AB) within the same academic year. Students taking Hausa BA in the Spring must note that Hausa BB is offered only in the Spring and must therefore wait for Spring to complete the course.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Hausa
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
Course Search Attributes	Display Only in Course Search
Full Year Course	Divisible Course
HCOL: Foreign Lang Citation	Hausa

Hausa BB

Intermediate Hausa (205847)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Hausa a most widely used native language and lingua franca in West Africa at the Intermediate level (Second year part 2). Contact hours supplemented by digital resources sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking

Hausa BA in the Spring must note that Hausa BB is offered only in the Spring.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Hausa
HCOL: Foreign Lang Citation	Hausa
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll

Hausa 101AR

Advanced Hausa (205864)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Hausa a most widely used native language and lingua franca in West Africa at the Advanced level in the Fall semester. As needed, successive advanced readings in Hausa may be taken under Hausa 101ar every Fall.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Recommended Prep: **Hausa B or equivalent**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Hausa
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Hausa

Hausa 101BR

Advanced Hausa II (205870)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Hausa a most widely used native language and lingua franca in West Africa at the Advanced level in the Spring semester. As needed, successive advanced readings in Hausa may be taken under Hausa 101br every Spring.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Recommended Prep: **Hausa 101ar or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Hausa
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Hausa

Subject: Haitian

Haitian AA

Elementary Haitian Creole (126306)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Haitian Creole the dominant official and native language of Haiti at the Elementary level (First year part 1). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to complete both terms of this course (parts AA and AB) within the same academic year.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Haitian Creole
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students

Haitian AB

Elementary Haitian Creole (205859)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Haitian Creole the dominant official and native language of Haiti at the Elementary level (First year part 2). Contact hours supplemented by language digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. This course is offered only in the Spring.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
FAS: Meets Foreign Lang Req	Haitian Creole
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Haitian BA

Intermediate Haitian Creole (205848)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Haitian Creole the dominant official and native language of Haiti at the Intermediate level (Second year part 1). Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. SStudents are strongly encouraged to complete both terms of this course (parts AA and AB) within the same academic year. Students taking Haitian Creole BA in the Spring must note that Haitian Creole BB is offered only in the Spring and must therefore wait for Spring to complete the course.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
HCOL: Foreign Lang Citation	Haitian Creole
FAS: Meets Foreign Lang Req	Haitian Creole
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course

Haitian BB

Intermediate Haitian Creole (205843)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Haitian Creole the dominant official and native language of Haiti at the Intermediate level (Second year part 2). Contact hours supplemented by digital resources sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Haitian Creole BA in the Spring must note that Haitian Creole BB is offered only in the Spring.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
HCOL: Foreign Lang Citation	Haitian Creole
FAS: Meets Foreign Lang Req	Haitian Creole
Full Year Course	Divisible Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Haitian 101AR

Advanced Haitian Creole (205856)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Haitian Creole the dominant official and native language of Haiti at the Advanced level in the Fall semester. As needed, successive advanced readings in Haitian Creole may be taken under Haitian Creole 101ar every Fall.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Recommended Prep: **Haitian Creole B or equivalent**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Haitian Creole
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Arts and Humanities

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
HCOL: Foreign Lang Citation	Haitian Creole

Haitian 101BR

Advanced Haitian Creole II (205839)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Haitian Creole the dominant official and native language of Haiti at the Advanced level in the Spring semester. As needed, successive advanced readings in Haitian Creole may be taken under Haitian Creole 101br every Spring.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Recommended Prep: **Haitian Creole 101ar or equivalent**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Haitian Creole
FAS: Meets Foreign Lang Req	Haitian Creole
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Subject: Luganda

Luganda AA

Elementary Luganda (206567)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Luganda the major language spoken in Uganda at the Elementary level (First year part 1). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Luganda

Luganda BA

Intermediate Luganda (206569)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Luganda the major language spoken in Uganda at the Intermediate level (Second year part 1). Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Luganda BA in the Spring must note that Luganda BB is offered only in the Spring and must therefore wait for Spring to complete the course.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Luganda
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course
HCOL: Foreign Lang Citation	Luganda
FAS: Course Level	Primarily for Undergraduate Students

Luganda 101AR

Advanced Luganda (206571)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Lingala a major spoken in the Democratic Republic of the Congo (DRC), The Republic of Congo, Angola and the Central African Republic at the Advanced level in the Fall semester. As needed, successive advanced readings in Lingala may be taken under Lingala 101ar every Fall.

Recommended Prep: **Luganda B or equivalent**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Luganda
HCOL: Foreign Lang Citation	Luganda

Subject: Tigrinya

Tigrinya AA

Elementary Tigrinya (126313)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Tigrinya a major language spoken in Ethiopia at the Elementary level (First year part 1). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course
FAS: Meets Foreign Lang Req	Tigrinya
FAS: Course Level	Primarily for Undergraduate Students

Tigrinya AB

Elementary Tigrinya (205852)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Tigrinya a major language spoken in Ethiopia at the Elementary level (First year part 2). Contact hours supplemented by language digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. This course is offered only in the

Spring.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Tigrinya

Tigrinya BA

Intermediate Tigrinya (205887)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Tigrinya a major language spoken in Ethiopia at the Intermediate level (Second year part 1). Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Tigrinya BA in the Spring must note that Tigrinya BB is offered only in the Spring and must therefore wait for Spring to complete the course.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Divisible Course
FAS Divisional Distribution	None
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Tigrinya
HCOL: Foreign Lang Citation	Tigrinya
FAS Course Roll	FAS Course Roll

Tigrinya BB

Intermediate Tigrinya (205855)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Tigrinya a major language spoken in Ethiopia at the Intermediate level (Second year part 2). Contact hours supplemented by digital resources sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Tigrinya BA in the Spring must note that Tigrinya BB is offered only in the Spring.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
Full Year Course	Divisible Course
FAS: Course Level	Primarily for Undergraduate Students
HCOL: Foreign Lang Citation	Tigrinya
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Final Assessment Category	Three-hour Exam
FAS: Meets Foreign Lang Req	Tigrinya

Tigrinya 101AR

Advanced Tigrinya (205875)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Tigrinya a major language spoken in Ethiopia at the Advanced level in the Fall semester. As needed, successive advanced readings in Tigrinya may be taken under Tigrinya 101ar every Fall.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Recommended Prep: **Tigrinya B or equivalent**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Tigrinya
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Tigrinya

Tigrinya 101BR

Advanced Tigrinya II (205882)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Tigrinya a major language spoken in Ethiopia at the Advanced level in the Spring semester. As needed, successive advanced readings Tigrinya may be taken under Tigrinya 101br every Spring.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Recommended Prep: **Tigrinya 101ar or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Tigrinya
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Tigrinya
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Subject: African & African Amer Studies

African & African Amer Studies 10

Introduction to African American Studies (122910)

Cornel West

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will examine canonical texts of the Afro-American intellectual tradition. W.E.B.Du Bois, Lorraine Hansberry, and James Baldwin will set the scene and stage for other towering figures such as Walker, Douglass, Morrison, Wright, Drake, Frazier, Lorde, Wilson, Gates, Cooper, Baraka (Jones), Malcolm X, and others.

Course Notes: **Required of concentrators in the African American Studies track. Students who transfer into the concentration after their sophomore year may substitute another African and African American Studies course already taken if the course addresses the materials covered in African and African American Studies 10, and the petition is approved by the Director of Undergraduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

African & African Amer Studies 11

Introduction to African Studies (123591)

Daniel Agbiboa

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course introduces students to the general outlines of African archeology, history and geography, as well as key concepts in the study of African health, social life , economic situation, arts, and politics. Our aim is to give students a fundamental vocabulary and interdisciplinary methodology for the study of Africa. Throughout, we assume that Africa is not a unique isolate but a continent bubbling with internal diversity, historical change, and cultural connections beyond its shores. The course is open to all students who are interested in exploring various dimensions of African life and cultures in ancient and modern periods.

Course Notes: **Required of concentrators in African Studies track.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

African & African Amer Studies 20 Section: 1

Introduction to African Languages and Cultures (118883)

John Mugane

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This introduction to African languages and cultures explores how sub-Saharan Africans use language to understand, organize, and transmit (culture, history, etc.) indigenous knowledge to successive generations. Language serves as a road map to comprehending how social, political, and economic institutions and processes develop: from kinship structures and the evolution of political offices to trade relations and the transfer of environmental knowledge. As a Social Engagement course, AAAS 20 will wed scholarly inquiry and academic study to practical experience and personal involvement in the community. Students will be given the opportunity to study Africans, their languages, and their cultures from the ground up, not only through textbooks and data sets but through personal relationships, cultural participation, and inquisitive explorations of local African heritage communities. Throughout the semester you will be asked to employ video production, ethnographic research, creative writing, "social-portraiture," GIS mapping, and linguistic study as you engage with Africans, their languages, and their cultures. By examining linguistic debates and cultural traditions and interrogating their import in the daily lives of Boston-area Africans, we hope to bridge the divide between grand theories and everyday practices, between intellectual debates and the lived experiences of individuals, between the American academy and the African world. Ultimately, this course aims to place Africans themselves in the center of the academic study of Africa.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam

African & African Amer Studies 91R

Supervised Reading and Research (110605)

Suzanne Blier

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Students wishing to enroll must petition the Director of Undergraduate Studies for approval, stating the proposed project, and must have permission of the proposed instructor. Ordinarily, students are required to have taken some coursework as background for their project.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

African & African Amer Studies 91R

Supervised Reading and Research (110605)

Suzanne Blier

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Students wishing to enroll must petition the Director of Undergraduate Studies for approval, stating the proposed project, and must have permission of the proposed instructor. Ordinarily, students are required to have taken some coursework as background for their project.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

African & African Amer Studies 97

Sophomore Tutorial:Pan-African Diasporic Imaginations: History, Concepts, Artistic Expressions (123590)

Ingrid Monson

2020 Spring (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course explores the long history of creating pan-African solidarity among peoples of African descent in the Caribbean, North America, Latin America and on the African continent. Beginning with the Haitian Revolution and its lessons for understanding making history of diasporic past we examine the transformation of African identities under slavery, the economics of racial capitalism and then explore the origins of Pan-African thought. We examine the differences between Marcus Garvey's and W.E.B. Du Bois's pan-African visions and the influence of these ideas on anti-colonial struggles in Africa and the Civil Rights and Black Power movements. In the second half of the course we examine artistic expressions in music, theater, and film, first in the 60s and 70s in North American, and then more in more recent works of Afro-futurism and hip hop in the U.S. Brazil, and Nigeria

Course Notes: **Required for concentrators in African and African American Studies. Open to all undergraduates.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

African & African Amer Studies 98

Junior Tutorial - African American Studies (118023)

Suzanne Blier

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Students wishing to enroll must petition the Director of Undergraduate Studies for approval, stating the proposed project, and must have the permission of the proposed instructor. Ordinarily, students are required to have taken some coursework as background for their project.

Recommended Prep: **Completion of African and African American Studies 10, or a substitute course approved by the Director of Undergraduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

African & African Amer Studies 98

Junior Tutorial - African American Studies (118023)

Suzanne Blier

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Students wishing to enroll must petition the Director of Undergraduate Studies for approval, stating the proposed project, and must have the permission of the proposed instructor. Ordinarily, students are required to have taken some coursework as background for their project.

Recommended Prep: **Completion of African and African American Studies 10, or a substitute course approved by the Director of Undergraduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

African & African Amer Studies 98A

Junior Tutorial - African Studies (119818)

Suzanne Blier

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Students wishing to enroll must petition the Director of Undergraduate Studies for approval, stating the proposed project, and must have the permission of the proposed instructor. Ordinarily, students are required to have taken some coursework as background for their project.

Recommended Prep: **Completion of African and African American Studies 11, or a substitute course approved by the Director of Undergraduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

African & African Amer Studies 98A

Junior Tutorial - African Studies (119818)

Suzanne Blier

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Students wishing to enroll must petition the Director of Undergraduate Studies for approval, stating the proposed project, and must have the permission of the proposed instructor. Ordinarily, students are required to have taken some coursework as background for their project.

Recommended Prep: **Completion of African and African American Studies 11, or a substitute course approved by the Director of Undergraduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

African & African Amer Studies 99A

Senior Thesis Workshop (124132)

Suzanne Blier

2019 Fall (4 Credits) **Schedule:** T 0900 AM - 1100 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Thesis supervision under the direction of a member of the Department. Part one of a two part series.

Course Notes: **Enrollment limited to honors candidates.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
Full Year Course	Divisible Course
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

African & African Amer Studies 99B

Senior Thesis Workshop (159794)

Suzanne Blier

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Thesis supervision under the direction of a member of the Department. Part two of a two part series.

Course Notes: **Enrollment limited to honors candidates.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

African & African Amer Studies 116 Section: 01

Autobiography and Memoir: Remembering the Self (156935)

Jamaica Kincaid

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Close readings of classic autobiographies: Fredrick Douglas, Booker T. Washington, Thomas Jefferson, Henry Adams, Elizabeth Keckley; and contemporary memoirs by Ta Nahesi Coates, Hilton Als among others. A weekly critical paper is required; the final paper is a creative one, a short memoir.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

African & African Amer Studies 119X

Chocolate, Culture, and the Politics of Food (108879)

Carla Martin

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will examine the sociohistorical legacy of chocolate, with a delicious emphasis on the eating and appreciation of the so-called "food of the gods." Interdisciplinary course readings will introduce the history of cacao cultivation, the present day state of the global chocolate industry, the diverse cultural constructions surrounding chocolate, and the implications for chocolate's future of scientific study, international politics, alternative trade models, and the food movement. Assignments will address pressing real world questions related to chocolate consumption, social justice, responsible development, honesty and the politics of representation in production and marketing, hierarchies of quality, and myths of purity.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

African & African Amer Studies 124Y Section: 1

Afro-Latin America: History and Culture (159570)

Alejandro de la Fuente

Doris Sommer

2020 Spring (4 Credits) **Schedule:** W 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course explores how African cultural expressions influenced colonial societies and later national cultures in Latin America. How did peoples of African descent shape the formation of Latin American national cultures in areas such as literature, religion, visual arts, music, dance, and cinema? Some scholars have debated whether African religious, musical, medical and communitarian practices were reproduced in the New World or whether they were creolized through fusion with other (European and indigenous) practices. Others have sought to explain how African cultural practices (music, religion, dances) that were derided as primitive and uncivilized in the early twentieth century became "nationalized" and transformed into key expressions of national cultures in many Latin American countries. What are the implications of this process for those cultural forms and their practitioners? How do they impact, if at all, other areas of social life? We explore these questions through historical and literary texts, films, visual arts, and recordings.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

African & African Amer Studies 130Y Section: 1

Mobility, Power and Politics (214576)

Daniel Agbiboa

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This course incorporates insights from the new mobilities paradigm in studying the linkages between movement, power and politics in the contemporary era. The course will discuss how issues of mobility are central to many lives and many organizations, and how movement intersects with the spatialization and materialization of power, difference and inequality within societies. Students will come to an understanding of how mobility, and control over mobility, both reflects and reinforces power; why mobile subjects are increasingly a risk and at risk; and the impact of the regulation and governance of mobility on conflict, security and development. Students will also benefit from the new light that this course sheds on how issues of mobility and immobility intersect with security and development in at least five core areas: (1) questions of power and government (2) spaces of regulation and intervention (3) the quandary of freedom and control in a globalized world; (4) infrastructures that enable and constrain movement; and (5) issues of justice and ethics. Confirming the analytical appeal of the mobilities paradigm, this course will serve as a melting pot for a variety of disciplines, including sociology, anthropology, geography, gender studies, social work and social policy, disability and health studies, conflict analysis and resolution, urban studies, political science and international relations. Topics will include mobility and terrorism after 9/11; mobility and mobilization of the urban poor; youth, mobility and being 'stuck'; social mobility; roads, corruption and policing; mobility and il/legality; gender and mobility; and mobility as fieldwork.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

African & African Amer Studies 131Y Section: 01

Black Womens Voices in the #MeToo Era (207805)

Linda Chavers

2020 Spring (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

When accepting the Oscar for Best Actress in 2015 Patricia Arquette said the following: "The truth is, right under the surface, there are huge issues that are at play that do affect women, and it's time for all the women in America and all the men that love women and all the gay people and all the people of color that we all fought for to fight for us now."
This course examines why such statements are part of a larger and longer tradition of disappearing black women and why they are popular in the cultural zeitgeist. Through extensive reading and tough discussion this class examines the current discourse around sexual harassment and assault from the #MeToo movement through the informed lens of Harriet Jacobs's slave narrative Incidents in the Life of a Slave Girl. Both "texts" involve navigating spaces of subjugation and supremacy and yet one voice has remained steadily ignored in mainstream audiences. We will also look at the intersection of race and gender that Incidents reveals and trace how these remain intact or not through today.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

African & African Amer Studies 131Y Section: 1

Black Womens Voices in the #MeToo Era (207805)

Linda Chavers

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 25

When accepting the Oscar for Best Actress in 2015 Patricia Arquette said the following: "The truth is, right under the surface, there are huge issues that are at play that do affect women, and it's time for all the women in America and all the men that love women and all the gay people and all the people of color that we all fought for to fight for us now."
This course examines why such statements are part of a larger and longer tradition of disappearing black women and why they are popular in the cultural zeitgeist. Through extensive reading and tough discussion this class examines the current discourse around sexual harassment and assault from the #MeToo movement through the informed lens of Harriet Jacobs's slave narrative Incidents in the Life of a Slave Girl. Both "texts" involve navigating spaces of subjugation and supremacy and yet one voice has remained steadily ignored in mainstream audiences. We will also look at the intersection of race and gender that Incidents reveals and trace how these remain intact or not through today.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

African & African Amer Studies 158X Section: 1

The Key to Making It? Educational progress and barriers among black Americans (160402)

Jacqueline Rivers

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course combines the study of the historical trajectory of educational achievement among African Americans with a sociological analysis of the challenges they have faced in attaining educational equity, with a focus on the current situation. The course will review the structural barriers to educational achievement that blacks have faced at different periods in the history of the US and the cultural strengths, such as the high value placed on education, that have driven them to achieve. The persistence of racial barriers in the current era and their importance for social mobility, particularly among working class and poor blacks, will be discussed.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

African & African Amer Studies 171X Section: 1

African Art and Religion (213440)

Suzanne Blier

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

African art and architecture frequently engage, represent, connect to, or communicate with spiritual forces. A wide variety of religious beliefs, including an array of both local traditions and broader regional and global faiths such as Christianity and Islam are practiced in Africa. The arts offer us an important lens into each of these faiths.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course

African & African Amer Studies 187

African Religions (123438)

Jacob Olupona

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course is a basic introduction to the history and phenomenology of traditional religions of the African peoples. Using diverse methodological and theoretical approaches, the course will explore various forms of experiences and practices that provide a deep understanding and appreciation of the sacred meaning of African existence: myth, ritual arts, and symbols selected from West, East, Central, and Southern Africa.

Course Notes: **Offered jointly with the Divinity School as 3690.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences

African & African Amer Studies 190X Section: 1

The Anthropology of Law: Perspectives from Africa and Elsewhere (108678)

John Comaroff

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 25

The course will cover (i) classical readings in the field, (ii) "big" theoretical questions concerning the relationships between law and violence, sovereignty, and religion, focusing on the often counter-intuitive insights to be gained from non-Western legal systems; (iii) law and colonialism; (iv) liberalism, difference, and the law in the postcolonial world, and (v) the judicialization of politics around the globe. Throughout, attention will be given to the lessons to be learned from legal anthropology for interrogating the present moment in the global north. Grades will be based on class participation, course presentations, and a term paper.

Class Notes: **Undergraduates with consent of Instructor**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

African & African Amer Studies 191X Section: 1

African American Lives in the Law (127960)

Evelyn Brooks Higginbotham

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This seminar focuses on biographical and autobiographical writings in a historical examination of the role of the individual in the American legal process. We will seek to understand how specific African Americans (as lawyers, judges, and litigants) made a difference-how their lives serve as a "mirror to America"-and also to understand the ways personal experience informs individual perspectives on the law and justice.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

African & African Amer Studies 196 Section: 1

Introduction to African Literary and Film Production (213434)

Bojana Coulibaly

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** 30

This course examines oral, written and visual texts produced in precolonial and modern-day Africa. Using a comparative and intercultural approach, the students are introduced to African canonical literature and film production that include works by Chinua Achebe, Ousmane Sembene, Chimamanda Adichie, Mariama Ba, Wanuri Kahiu, Moussa Toure, Dani Kouyate, Boubacar Boris Diop, and others. A broad selection of genres and themes are analyzed, in particular, African literary and cinema aesthetics, the tradition/modernity dichotomy, social class dynamics, gender relations, race, cultural identity and globalization.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

African & African Amer Studies 196X Section: 1

Literature, Society and Politics in Africa (213435)

Bojana Coulibaly

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** 30

African writers have recurrently combined creative imagination and political activism, uncovering the major historical, cultural and sociopolitical issues that impact the production of African literature. Relevant to both African and African American identity concern, the course investigates the inherent relation between literature and politics through a comprehensive analysis of the theoretical constructs that sustain their emergence, including theories on colonialism and cultural alienation, political and cultural nationalism, violence and revolution, negritude, feminism, apartheid and black consciousness. A selection of African postcolonial and contemporary prose and drama will be supplemented by essays in political and cultural theory so as to broaden our understanding of African literature.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences

FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

African & African Amer Studies 196Y Section: 1

African Literature and the Poetics of Memory (000196)

Bojana Coulibaly

2020 Spring (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Literary representations of memory and trauma in African postcolonial and contemporary literature will be the main focus of this course. In order to understand how trauma impacts individuals in their relationship with their physical world, and how in a very unique way, characters cope with their traumatic reality, we will be analyzing "structural disorder" and "historical event" narratives, including novels and short fiction by Aminata Forna, Boubacar Boris Diop, Tayeb Salih, Yaa Gyasi, Ben Okri, Chris Abani, Jennifer Makumbi, and others. Our examination of these texts will be supplemented by trauma theory and its various subcategories that include the study of memory and forgiveness, retrospective narrative, testimony and bearing witness, PTSD, mourning, war and violence, transgenerational trauma as well as healing and working through trauma.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

African & African Amer Studies 197 Section: 01

Poverty, Race, and Health (123435)

David Williams

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course critically examines the health status of the poor, and of African Americans and other socially disadvantaged racial and ethnic groups in the US. Attention will be focused on the patterned ways in which the health of these groups is embedded in the social, cultural, political, and economic contexts, and arrangements of US society. Topics covered include the meaning and measurement of race, the ways in which racism affects health, the historic uses of minorities in medical research, how acculturation and migration affects health, and an examination of the specific health problems that disproportionately affect nondominant racial groups.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

African & African Amer Studies 197X Section: 1

Critiquing Black Muslim Reason in the United States (211170)

Youssef J. Carter

2019 Fall (4 Credits) **Schedule:** R 0600 PM - 0845 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

In this seminar, we ask: What does it mean to be Black in the United States? What does it mean to be a Muslim in the United States? What happens when these two identities compound or collide with one another? Well, what about Black Muslim Womanhood, for example? There are scholars (Jamilah Karim) who have discussed the "triple constraints" that Black Muslim Women face as they navigate the public sphere. As well, while we directly confront questions of citizenship and belonging and without relying too heavily on critical race theory, we will take some time to think about how these sites of identity (and their reception) specifically impact Black Muslims in the United States. The primary purpose of this course—seminar—is to try to disentangle these sites of identity while understanding that for the people who are Black, Muslim, Female, and/or Migrant, there is no way to properly understand how people are subjected to various forms of marginalization, or resist structural racism or sexism, combat Islamophobia, or articulate what it means to either have or gain citizenship, or build communities where their whole selves are affirmed, by thinking that these identities are ever separable. The secondary aim of this course on Black Muslims is to think more deeply about how such a term has historically been applied to African-American Muslims (that is, American-born Muslims of African descent). Yet, our task is take up Edward Curtis' assertion that the popular use of the term 'Black Muslim' has not traditionally included Senegalese, Gambian, Somali, Sudanese, Trinidadian, or otherwise dark-skinned Muslims whose point of origin is beyond the United States. Nonetheless, Senegalese or Somali-American Muslims must contend with the othering effects of racism and Islamophobia—they are similarly impacted by police violence and structural discrimination. However, in some cases, they must also combat racially and religiously-motivated legislation that results in exclusion masked as immigration reform (e.g. Muslim Ban).

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences

African & African Amer Studies 197Y Section: 1

The African Diaspora: Time, Space, and Belonging (213441)

Youssef J. Carter

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This seminar examines how "diaspora" has emerged in conceptual terms and has been used to describe a specific process of becoming and belonging, particularly for people who have dispersed, or have been dispersed, into multiple spaces around the globe while at the same time maintaining a sense of connectedness (solidarity) through the circulation of homeland paraphernalia, political views, and other devices that act as connective tissue. We will review literatures that focus on transborder practices, and on the ways in which communities engaging in these practices imagine themselves. We begin by tracking a genealogy of 'diaspora' in both historical and contemporary dimensions in order to then analyze how it applies in global African context. This seminar also focuses on how identities become contested and untethered from state boundaries via diasporic and transnational solidarities, but also on how people

discursively situate, or localize, themselves into particular geographic and temporal contexts. Here, we address the theme of mobility through analyzing scholarship on transborder practices within a globalized world, and diasporic existences. We review anthropological writings that center upon the many entanglements that "glocal" communities face as they circulate around multiple diasporic nodes and engage multiple social, political, and religious worlds. Diaspora, here, is not taken for granted and the assumption is not held that diasporas exist automatically, but rather, that their formations are particularized, locally-shaped, and inflected as purposeful camaraderies via interactions (real or imagined) between and among sites in ever-evolving networks. Diasporas are not merely sites where static relations to homeland are simply enacted and maintained—the interactions in and throughout diasporic networks tend to be more complex and multiple. Diasporas do not just produce mobility, they are themselves variable in the sense that they continually shift in size, orientation, and perhaps even representation. Collective envisionings of homeland that configure a solidarity amongst similarly dispersed people can even, over time, downgrade from diaspora to simple dispersion. Our central aim, then, is to deepen our understanding of not only the diaspora concept, but also investigate the social and political components of dispersion.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course

African & African Amer Studies 209B

Africa Rising? New African Economies/Cultures and Their Global Implications (108694)

John Comaroff

Jean Comaroff

2020 Spring (4 Credits) **Schedule:** M 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

In a story titled Africa Rising (2011), The Economist argued that the continent epitomizes both the "transformative promise of [capitalist] growth" and its bleakest dimensions. This workshop will explore Africa's changing place in the world - and the new economies, legalities, socialities, and cultural forms that have arisen there. It will also interrogate the claim that the African present is a foreshadowing of processes beginning to occur elsewhere; that, therefore, it is a productive source of theory about current conditions world-wide. The workshop, open to faculty and students, will meet Mondays, 6:15-8:15. 15 students will be permitted to take it as a course; they will also meet on Mondays, 12:00-1:20. Grades will be based on participation and a term essay.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

African & African Amer Studies 219A Section: 1

Race and Ethnicity in Latin America (110494)

Alejandro de la Fuente

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This yearlong seminar introduces students to current questions and debates in the study of race and ethnicity in Latin America, from the colonial period to the present. Our seminar answers the call, issued by anthropologist Peter Wade (1997), to produce scholarship integrating the study of Africans and their descendants, along with indigenous peoples, as participants in shared processes of racial formation, nation making, and state building. Through the systematic comparison of several cases, the course discusses how ideas of race have shaped processes of nation and state formation in Latin America, shaping opportunities for mobilization and public policies; how racial identities have been formed and invoked for different cultural and political purposes; and how ideas of race and ethnicity have contributed to the stratification of Latin American societies, which are among the most unequal in the world.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

African & African Amer Studies 219B

Race and Ethnicity in Latin America (215791)

Alejandro de la Fuente

2020 Spring (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This yearlong seminar introduces students to current questions and debates in the study of race and ethnicity in Latin America, from the colonial period to the present. Our seminar answers the call, issued by anthropologist Peter Wade (1997), to produce scholarship integrating the study of Africans and their descendants, along with indigenous peoples, as participants in shared processes of racial formation, nation making, and state building. Through the systematic comparison of several cases, the course discusses how ideas of race have shaped processes of nation and state formation in Latin America, shaping opportunities for mobilization and public policies; how racial identities have been formed and invoked for different cultural and political purposes; and how ideas of race and ethnicity have contributed to the stratification of Latin American societies, which are among the most unequal in the world.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

African & African Amer Studies 301

Graduate Proseminar (115727)

Marcyliena Morgan

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Students are introduced to major themes, classic texts, and representative current work in the broad interdisciplinary field of African and African American Studies, with a focus on the Humanities (Literature, Art, Music, and Religion).

Course Notes: **Required for all graduates in African and African American Studies in their first year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

African & African Amer Studies 306 Section: 01

Theory and Race in the Americas (211217)

Jesse McCarthy

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This course explores myths and theories of race that have informed the construction and development of social caste and class in the Americas. Reading classical works on race from scholars like DuBois and Hurston to more contemporary works by scholars like Hartman and Gregory, we examine the entrenchment yet mutability of race in the context of the Americas. Looking at both religion and the social sciences, the course explores the ways in which race was first predicated upon religious myths and ideas and then codified through science and the law. In this way we appreciate the infusion of race in the very fabric and shaping of the Americas. Readings, discussions and assignments will emphasize several key themes: race, slavery, diaspora, racism, respectability and resistance. We take an interdisciplinary approach that bridges anthropology, philosophy, religion, sociology and political science. In part we will explore the disciplines' role(s) in making and unmaking race and racism.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

African & African Amer Studies 310 Section: 006

Individual Reading Tutorial (115731)

Robin Bernstein

2019 Fall (4 Credits) **Schedule:** W 0200 PM - 0400 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Allows students to work with an individual member of the faculty in a weekly tutorial.

Course Notes: **Students may not register for this course until their adviser and the faculty member with whom they plan to work have approved a program of study.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

African & African Amer Studies 310 Section: 01

Individual Reading Tutorial (115731)

Tommie Shelby

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Allows students to work with an individual member of the faculty in a weekly tutorial.

Course Notes: **Students may not register for this course until their adviser and the faculty member with whom they plan to work have approved a program of study.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

African & African Amer Studies 310 Section: 027

Individual Reading Tutorial (115731)

Marcyliena Morgan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Allows students to work with an individual member of the faculty in a weekly tutorial.

Course Notes: **Students may not register for this course until their adviser and the faculty member with whom they plan to work have approved a program of study.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

African & African Amer Studies 310 Section: 028

Individual Reading Tutorial (115731)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Allows students to work with an individual member of the faculty in a weekly tutorial.

Course Notes: **Students may not register for this course until their adviser and the faculty member with whom they plan to work have approved a program of study.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

African & African Amer Studies 310 Section: 031

Individual Reading Tutorial (115731)

Tommie Shelby

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Allows students to work with an individual member of the faculty in a weekly tutorial.

Course Notes: **Students may not register for this course until their adviser and the faculty member with whom they plan to work have approved a program of study.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

African & African Amer Studies 390 Section: 01

Individual Research (115732)

Tommie Shelby

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requires students to identify and carry out a research project under the guidance of a member of the

faculty. Graduate students may use this course to begin work on the research paper required for admission to candidacy.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

African & African Amer Studies 390 Section: 02

Individual Research (115732)

Brandon Terry

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requires students to identify and carry out a research project under the guidance of a member of the faculty. Graduate students may use this course to begin work on the research paper required for admission to candidacy.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

African & African Amer Studies 390 Section: 029

Individual Research (115732)

Jacob Olupona

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requires students to identify and carry out a research project under the guidance of a member of the faculty. Graduate students may use this course to begin work on the research paper required for admission to candidacy.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

African & African Amer Studies 390 Section: 031

Individual Research (115732)

Tommie Shelby

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requires students to identify and carry out a research project under the guidance of a member of the faculty. Graduate students may use this course to begin work on the research paper required for admission to candidacy.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

African & African Amer Studies 391 Section: 01

Directed Writing (119827)

Tommie Shelby

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requires students to identify a major essay and carry it out under the guidance of a member of the faculty. Graduate students may use this course to begin to work on the research paper that is a requirement of admission to candidacy.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

African & African Amer Studies 391 Section: 031

Directed Writing (119827)

Tommie Shelby

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requires students to identify a major essay and carry it out under the guidance of a member of the faculty. Graduate students may use this course to begin to work on the research paper that is a requirement of admission to candidacy.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

African & African Amer Studies 392

Teaching, Writing, and Research (210981)

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

African & African Amer Studies 392

Teaching, Writing, and Research (210981)

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

African & African Amer Studies 398 Section: 002

Reading and Research (122706)

John Comaroff

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Permission of the instructor and the Director of Graduate Studies is required for enrollment.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

African & African Amer Studies 398 Section: 031

Reading and Research (122706)

Tommie Shelby

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Permission of the instructor and the Director of Graduate Studies is required for enrollment.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

African & African Amer Studies 398 Section: LEC

Reading and Research (122706)

Tommie Shelby

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Permission of the instructor and the Director of Graduate Studies is required for enrollment.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

African & African Amer Studies 399 Section: 003

Direction of Doctoral Dissertations (115733)

Ali Asani

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

African & African Amer Studies 399 Section: 01

Direction of Doctoral Dissertations (115733)

Tommie Shelby

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

African & African Amer Studies 399 Section: 031

Direction of Doctoral Dissertations (115733)

Tommie Shelby

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Subject: Swahili

Swahili AA

Elementary Swahili (119819)

John Mugane

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1140 AM

Instructor Permissions: None **Enrollment Cap:** n/a

A study of the *lingua franca* of East Africa at the elementary level. Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Swahili
Full Year Course	Divisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	None

Swahili AB

Elementary Swahili (159829)

John Mugane

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

A study of the *lingua franca* of East Africa at the elementary level. Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Swahili
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course

Swahili BA

Intermediate Swahili (144184)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Swahili A. A study of the *lingua franca* of East Africa at the elementary level. Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Recommended Prep: **Swahili A or the equivalent of one year's study of Swahili.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course
FAS: Meets Foreign Lang Req	Swahili
HCOL: Foreign Lang Citation	Swahili

Swahili BB

Intermediate Swahili (159865)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Continuation of Swahili A. A study of the *lingua franca* of East Africa at the elementary level. Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Recommended Prep: **Swahili A or the equivalent of one year's study of Swahili.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Swahili
HCOL: Foreign Lang Citation	Swahili
FAS Course Roll	FAS Course Roll
Full Year Course	Divisible Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Swahili 101AR

Reading in Swahili (119820)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Advanced reading in Swahili.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Recommended Prep: **Swahili B or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
FAS: Meets Foreign Lang Req	Swahili
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Swahili

Swahili 101BR

Reading in Swahili II (119821)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Advanced reading in Swahili II.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Recommended Prep: **Swahili 101ar or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
HCOL: Foreign Lang Citation	Swahili
FAS: Meets Foreign Lang Req	Swahili
FAS Divisional Distribution	Arts and Humanities

Subject: Afrikaans

Afrikaans AA

Elementary Afrikaans (109427)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

A study of Afrikaans a major language spoken in South Africa at the Elementary level (First year part 1). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Divisible Course
FAS: Meets Foreign Lang Req	Afrikaans
FAS Course Roll	FAS Course Roll

Afrikaans AB

Elementary Afrikaans (205831)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Afrikaans a major language spoken in South Africa at the Elementary level (First year part 2). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Afrikaans
Full Year Course	Divisible Course

Afrikaans BA

Intermediate Afrikaans (205832)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Afrikaans a major language spoken in South Africa at the Intermediate level (Second year part 1). Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Afrikaans BA in the Spring must note that Afrikaans BB is offered only in the Spring and must therefore wait for Spring to complete the course.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
Full Year Course	Divisible Course
FAS: Course Level	Primarily for Undergraduate Students
FAS: Final Assessment Category	Three-hour Exam
HCOL: Foreign Lang Citation	Afrikaans
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Afrikaans

Afrikaans BA

Intermediate Afrikaans (205832)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Afrikaans a major language spoken in South Africa at the Intermediate level (Second year part 1). Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Afrikaans BA in the Spring must note that Afrikaans BB is offered only in the Spring and must therefore wait for Spring to complete the course.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the**

department to learn more.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Divisible Course
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Afrikaans
HCOL: Foreign Lang Citation	Afrikaans
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Afrikaans BB

Intermediate Afrikaans (205833)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 15

A study of Afrikaans a major language spoken in South Africa at the Intermediate level (Second year part 2). Contact hours supplemented by digital resources sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Afrikaans BA in the Spring must note that Afrikaans BB is offered only in the Spring.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Afrikaans
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
HCOL: Foreign Lang Citation	Afrikaans
All: Cross Reg Availability	Available for Harvard Cross Registration

Afrikaans 101AR

Advanced Afrikaans (205835)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Afrikaans a major language spoken in South Africa at the Advanced level in the Fall semester. As needed, successive advanced readings in Afrikaans may be taken under Afrikaans 101ar every Fall.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Recommended Prep: **Afrikaans B or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Final Assessment Category	Three-hour Exam
HCOL: Foreign Lang Citation	Afrikaans
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Afrikaans

Afrikaans 101BR

Advanced Afrikaans II (205836)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Afrikaans a major language spoken in South Africa at the Advanced level in the Spring semester. As needed, successive advanced readings in Afrikaans may be taken under Afrikaans 101br every Spring.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Recommended Prep: **Afrikaans 101ar or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Afrikaans
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Afrikaans
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Arts and Humanities

Subject: Gullah

Gullah AA

Elementary Gullah (206597)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Gullah, a creole language spoken by the descendants of slaves in the Sea Islands and coastal regions of Georgia, South Carolina, and Northeast Florida, at theElementary level . Contact hours supplemented by digital resources sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly enrcouraged to complete both terms of this course (parts AA and AB) within the same academic year. Students taking Gullah AA in the Spring must note that Gullah AB is offered only in the Spring.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Gullah
FAS Divisional Distribution	None
Full Year Course	Divisible Course
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Gullah AB

Elementary Gullah (206598)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 15

A study of Gullah, a creole language spoken by the descendants of slaves in the Sea Islands and coastal regions of Georgia, South Carolina, and Northeast Florida, at the elementary level (Second year part 2). Contact hours supplemented by digital resources sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Gullah AA in the Spring must note that Gullah AB is offered only in the Spring.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Gullah
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll

Gullah BA

Intermediate Gullah (206599)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Gullah, a creole language spoken by the descendants of slaves in the Sea Islands and coastal regions of Georgia, South Carolina, and Northeast Florida, at the Intermediate level. Contact hours supplemented by digital resources sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly enrcouraged to complete both terms of this course (parts AA and AB) within the same academic year. Students taking Gullah BA in the Spring must note that Gullah BB is offered only in the Spring.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	GULLAH
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Gullah
Full Year Course	Divisible Course

Gullah BB

Intermediate Gullah (206600)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 15

A study of Gullah, a creole language spoken by the descendants of slaves in the Sea Islands and coastal regions of Georgia, South Carolina, and Northeast Florida, at the Intermediate level. Contact hours supplemented by digital resources sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Gullah BA in the Spring must note that Gullah BB is offered only in the Spring.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Gullah
HCOL: Foreign Lang Citation	GULLAH
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
Full Year Course	Divisible Course

Gullah 101AR

Advanced Gullah (206601)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Gullah, a creole language spoken by the descendants of slaves in the Sea Islands and coastal regions of Georgia, South Carolina, and Northeast Florida, at the Advanced level. Contact hours supplemented by digital resources sessions. Emphasis on written expression, reading comprehension, and oral fluency.

Recommended Prep: **Gullah B or equivalent**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Gullah
FAS: Course Level	Primarily for Undergraduate Students
HCOL: Foreign Lang Citation	GULLAH

Gullah 101BR

Advanced Gullah II (206602)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 15

A study of Gullah, a creole language spoken by the descendants of slaves in the Sea Islands and coastal regions of Georgia, South Carolina, and Northeast Florida, at the advanced level. Contact hours supplemented by digital resources sessions. Emphasis on written expression, reading comprehension, and oral fluency.

Recommended Prep: **Gullah 101AR or equivalent**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	GULLAH
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Gullah
FAS Course Roll	FAS Course Roll

Subject: Lingala

Lingala AA

Elementary Lingala (206679)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Lingala a major spoken in the Democratic Republic of the Congo (DRC), The Republic of Congo, Angola and the Central African Republic at the Elementary level (First year part 1). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged complete both terms of this course (parts AA and AB) within the same academic year.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Divisible Course
FAS: Meets Foreign Lang Req	Lingala

Lingala AB

Elementary Lingala (206680)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Lingala a major spoken in the Democratic Republic of the Congo (DRC), The Republic of Congo, Angola and the Central African Republic at the Elementary level (First year part 2). Contact hours supplemented by language digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. This course is offered only in the Spring.

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Lingala
FAS Course Roll	FAS Course Roll
Full Year Course	Divisible Course
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Lingala BA

Intermediate Lingala (206681)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Lingala a major spoken in the Democratic Republic of the Congo (DRC), The Republic of Congo, Angola and the Central African Republic at the Intermediate level (Second year part 1). Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged complete both terms of this course (parts AA and AB) within the same academic year. Students taking Lingala BA in the Spring must note that Lingala BB is offered only in the Spring and must therefore wait for Spring to complete the course.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Lingala
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course
HCOL: Foreign Lang Citation	Lingala
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Lingala BB

Intermediate Lingala (206682)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Lingala a major spoken in the Democratic Republic of the Congo (DRC), The Republic of Congo, Angola and the Central African Republic at the Intermediate level (Second year part 2). Contact hours supplemented by digital resources sessions. Emphasis on written expression, reading comprehension, and oral fluency.Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Lingala BA in the Spring must note that Lingala BB is offered only in the Spring.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
Full Year Course	Divisible Course
HCOL: Foreign Lang Citation	Lingala
FAS: Meets Foreign Lang Req	Lingala

Lingala 101AR

Advanced Lingala (206683)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Lingala a major spoken in the Democratic Republic of the Congo (DRC), The Republic of Congo, Angola and the Central African Republic at the Advanced level in the Fall semester. As needed, successive advanced readings in Lingala may be taken under Lingala 101ar every Fall.

Recommended Prep: **Lingala B or equivalent**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Lingala
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Lingala

Lingala 101BR

Advanced Lingala II (206684)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Lingala a major spoken in the Democratic Republic of the Congo (DRC), The Republic of Congo, Angola and the Central African Republic at the Advanced level in the Spring semester. As needed, successive advanced readings in Lingala may be taken under Lingala 101br every Spring.

Recommended Prep: **Lingala 101AR or equivalent**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Lingala
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Lingala
FAS Course Roll	FAS Course Roll

Subject: Bemba

Bemba BA Section: 01

Intermediate Bemba (205992)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 15

A study of Bamanankan the major language and lingua franca of Mali and Côte-d'Ivoire at the Intermediate level (Second year part 1). Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course (AA and AB) within the same academic year. The curriculum builds throughout the year. Students taking Bemba BA in the Spring must note that Bemba BB is offered only in the Spring and must therefore wait for Spring to complete the course.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
HCOL: Foreign Lang Citation	Bemba
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Bemba
Full Year Course	Divisible Course

Bemba BB

Intermediate Bemba (206344)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 15

A study of Bemba a major language spoken in Zambia at the Intermediate level (Second year part 2). Contact hours supplemented by digital resources sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Bemba BA in the Spring must note that Bemba BB is offered only in the Spring.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	Bemba
FAS: Meets Foreign Lang Req	Bemba
FAS Course Roll	FAS Course Roll
Full Year Course	Divisible Course

Bemba 101BR

Advanced Bemba II (205994)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 15

A study of Bamanankan the major language and lingua franca of Mali and Côte-d'Ivoire at the Advanced level in the Spring semester. As needed, successive advanced readings in Bamanankan may be taken under Bamanankan 101br every Spring.

Recommended Prep: **Bemba 101AR or equivalent**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Bemba
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Bemba
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Subject: Sudanese

Sudanese AA

Elementary Sudanese Arabic (127929)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Sudanese Arabic the official and national working language in Sudan at the Elementary level (First year part 1). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Divisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Sudanese Arabic
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Sudanese AB

Elementary Sudanese Arabic (205846)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Sudanese Arabic the official and national working language in Sudan at the Elementary level (First year part 2). Contact hours supplemented by language digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. This course is offered only in the Spring.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
Full Year Course	Divisible Course
FAS: Meets Foreign Lang Req	Sudanese Arabic
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Sudanese BA

Intermediate Sudanese Arabic (205886)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Sudanese Arabic the official and national working language in Sudan at the Intermediate level (Second year part 1). Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Sudanese Arabic BA in the Spring must note that Sudanese Arabic BB is offered only in the Spring and must therefore wait for Spring to complete the course.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Sudanese Arabic
Full Year Course	Divisible Course
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	Sudanese Arabic

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Sudanese BB

Sudanese Arabic (205868)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Sudanese Arabic the official and national working language in Sudan at the Intermediate level (Second year part 2). Contact hours supplemented by digital resources sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Sudanese Arabic BA in the Spring must note that Sudanese Arabic BB is offered only in the Spring.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course
FAS: Course Level	Primarily for Undergraduate Students
HCOL: Foreign Lang Citation	Sudanese Arabic
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Sudanese Arabic
FAS Divisional Distribution	None

Sudanese 101AR

Advanced Sudanese Arabic (205872)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Sudanese Arabic the official and national working language in Sudan at the Advanced level in the Fall semester. As needed, successive advanced readings in Sudanese Arabic may be taken under Sudanese Arabic 101ar every Fall.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Recommended Prep: **Sudanese Arabic B or equivalent**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Sudanese Arabic
FAS: Meets Foreign Lang Req	Sudanese Arabic
FAS: Course Level	Primarily for Undergraduate Students

Sudanese 101BR

Advance Sudanese Arabic II (205880)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Sudanese Arabic the official and national working language in Sudan at the Advanced level in the Spring semester. As needed, successive advanced readings Sudanese Arabic may be taken under Sudanese Arabic 101br every Spring.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Recommended Prep: **Sudanese Arabic 101ar or equivalent**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Sudanese Arabic
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Sudanese Arabic
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Subject: Jamaican

Jamaican AA

Elementary Jamaican Patois (156750)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

A study of Jamaican Patois the primary native language of Jamaica at the Elementary level (First year part 1). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to complete both terms of this course (parts AA and AB) within the same academic year.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
FAS: Meets Foreign Lang Req	Jamaican Patois
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Jamaican BA

Intermediate Jamaica Patois (205863)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Jamaican Patois the primary native language of Jamaica at the Intermediate level (Second year part 1). Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to complete both terms of this course (parts AA and AB) within the same academic year. Students taking Jamaican Patois BA in the Spring must note that Jamaican Patois BB is offered only in the Spring and must therefore wait for Spring to complete the course.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Divisible Course
FAS: Meets Foreign Lang Req	Jamaican Patois
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	Jamaican Patois
FAS Course Roll	FAS Course Roll

Jamaican 101AR

Advanced Jamaican Patois (205869)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Jamaican Patois the primary native language of Jamaica at the Advanced level in the Fall semester. As needed, successive advanced readings in Jamaican Patois may be taken under Jamaican Patois 101ar every Fall.

Course Notes: **Languages in the tutorial program are offered when there is**

demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

Recommended Prep: **Jamaican Patois B or equivalent**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
HCOL: Foreign Lang Citation	Jamaican Patois
FAS: Meets Foreign Lang Req	Jamaican Patois
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Jamaican 101BR

Advanced Jamaican Patois II (205878)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Jamaican Patois the primary native language of Jamaica at the Advanced level in the Spring semester. As needed, successive advanced readings in]\Jamaican Patois may be taken under Jamaican Patois 101br every Spring.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Recommended Prep: **Jamaican Patois 101ar or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Jamaican Patois
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Jamaican Patois

Subject: Kinyarwanda

Kinyarwanda AA

Elementary Kinyarwanda (206603)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Kinyarwanda the language spoken in all of Rwanda at the Elementary level (First year part 1). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged complete both terms of this course (parts AA and AB) within the same academic year.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Kinyarwanda
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
Full Year Course	Divisible Course

Kinyarwanda AB

Elementary Kinyarwanda (206604)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Kinyarwanda the language spoken in all of Rwanda at the Elementary level (First year part 2). Contact hours supplemented by language digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. This course is offered only in the Spring.

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Kinyarwanda
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Kinyarwanda BA

Intermediate Kinyarwanda (206605)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Kinyarwanda the language spoken in all of Rwanda at the Intermediate level (Second year part 1). Contact hours supplemented by language lab sessions. Emphasis on written expression, reading

comprehension, and oral fluency. Students are strongly encouraged complete both terms of this course (parts AA and AB) within the same academic year. Students taking Kinyarwanda BA in the Spring must note that Kinyarwanda BB is offered only in the Spring and must therefore wait for Spring to complete the course.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Kinyarwanda
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Divisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Kinyarwanda
FAS Divisional Distribution	None

Kinyarwanda BB

Intermediate Kinyarwanda (206606)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Kinyarwanda the language spoken in all of Rwanda at the Intermediate level (Second year part 2). Contact hours supplemented by digital resources sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Kinyarwanda BA in the Spring must note that Kinyarwanda BB is offered only in the Spring.

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Kinyarwanda
FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	Kinyarwanda

Kinyarwanda 101AR Section: 01

Advanced Kinyarwanda (206607)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Kinyarwanda the language spoken in all of Rwanda at the Advanced level in the Fall semester. As needed, successive advanced readings in Kinyarwanda may be taken under Kinyarwanda 101ar every Fall.

Recommended Prep: **Kinyarwanda B or equivalent**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
HCOL: Foreign Lang Citation	Kinyarwanda
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Kinyarwanda
FAS Divisional Distribution	Arts and Humanities

Kinyarwanda 101BR

Advanced Kinyarwanda II (206608)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Kinyarwanda the language spoken in all of Rwanda at the Advanced level in the Spring semester. As needed, successive advanced readings inKinyarwanda may be taken under Kinyarwanda 101br every Spring.

Recommended Prep: **Kinyarwanda 101AR or equivalent**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Kinyarwanda
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Kinyarwanda
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

Subject: Zulu

Zulu AA

Elementary Zulu (126316)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

A study of Zulu a major language spoken in South Africa at the Elementary level (First year part 1). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly enrcouraged to complete both terms of this course (parts AA and AB)

within the same academic year.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Zulu
FAS Divisional Distribution	None
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students

Zulu AB

Elementary Zulu (205849)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A study of Zulu a major language spoken in South Africa at the Elementary level (First year part 2). Contact hours supplemented by language digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. This course is offered only in the Spring.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
Full Year Course	Divisible Course
FAS: Meets Foreign Lang Req	Zulu

Zulu BA

Intermediate Zulu (205889)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Zulu a major language spoken in South Africa at the Intermediate level (Second year part 1). Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly enrcouraged to complete both terms of this course (parts AA and AB) within the same academic year. Students taking Zulu BA in the Spring must note that Zulu BB is offered only in the Spring and must therefore wait for Spring to complete the course.

Course Notes: **This course is offered only when there is demonstrated curricular and academic need on the part of the student. Please consult the Director of Language Programs for more information. Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Meets Foreign Lang Req	Zulu
FAS: Course Level	Primarily for Undergraduate Students
HCOL: Foreign Lang Citation	Zulu

Zulu BB

Intermediate Zuu (205861)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Zulu a major language spoken in South Africa at the Intermediate level (Second year part 2). Contact hours supplemented by digital resources sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Zulu BA in the Spring must note that Zulu BB is offered only in the Spring.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Zulu
Full Year Course	Divisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	Zulu
FAS: Final Assessment Category	Three-hour Exam

Zulu 101AR

Advanced Zulu (205879)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Zulu a major language spoken in South Africa at the Advanced level in the Fall semester. As needed, successive advanced readings in Zulu may be taken under Zulu 101ar every Fall.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Recommended Prep: **Zulu B or equivalent**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Zulu
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Zulu
FAS Divisional Distribution	Arts and Humanities
FAS: Final Assessment Category	Three-hour Exam

Zulu 101BR

Advanced Zulu II (205884)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Zulu a major language spoken in South Africa at the Advanced level in the Spring semester. As needed, successive advanced reading Zulu may be taken under Zulu 101br every Spring.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Recommended Prep: **Zulu 101ar or equivalent**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Zulu
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Zulu
FAS Divisional Distribution	Arts and Humanities

Subject: Yoruba

Yoruba AA

Elementary Yoruba (120952)

John Mugane

Taiwo Ehineni

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Yoruba is spoken in the West African countries of Nigeria, Benin Republic, and parts of Togo and Sierra Leone, therefore constituting one of the largest single languages in sub-Saharan Africa. Yoruba is also spoken in Cuba and Brazil. Students will acquire the Yoruba language at the basic or elementary level. Students are strongly enrcouraged to complete both terms of this course (parts AA and AB) within the same academic year.

Course Notes: **Primarily designed for students who have no prior knowledge of Yoruba. However, students with minimal knowledge of the language may also register for the course. Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Divisible Course
FAS: Meets Foreign Lang Req	Yoruba
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Yoruba AB

Elementary Yoruba (159872)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Yoruba is spoken in the West African countries of Nigeria, Benin Republic, and parts of Togo and Sierra Leone, therefore constituting one of the largest single languages in sub-Saharan Africa. Yoruba is also spoken in Cuba and Brazil. Students will acquire the Yoruba language at the basic or elementary level. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year.

Course Notes: **Primarily designed for students who have no prior knowledge of Yoruba. However, students with minimal knowledge of the language may also register for the course. Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Yoruba
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Yoruba BA

Intermediate Yoruba (120953)

John Mugane

Taiwo Ehineni

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Yoruba A. Yoruba is spoken in the West African countries of Nigeria, Benin Republic, and parts of Togo and Sierra Leone, therefore constituting one of the largest single languages in sub-Saharan Africa. Yoruba is also spoken in Cuba and Brazil. Students will acquire the Yoruba language at the basic or elementary level. Students are strongly enrcouraged to complete both terms of this course (parts AA and AB) within the same academic year.

Course Notes: **Not open to auditors.**

Recommended Prep: **Yoruba A or the equivalent of one year's study of Yoruba.**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
HCOL: Foreign Lang Citation	Yoruba
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Yoruba

Yoruba BB

Intermediate Yoruba (159873)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Continuation of Yoruba A. Yoruba is spoken in the West African countries of Nigeria, Benin Republic, and parts of Togo and Sierra Leone, therefore constituting one of the largest single languages in sub-Saharan Africa. Yoruba is also spoken in Cuba and Brazil. Students will acquire the Yoruba language at the basic or elementary level. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year.

Course Notes: **Not open to auditors.**

Recommended Prep: **Yoruba A or the equivalent of one year's study of Yoruba.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Yoruba
FAS: Meets Foreign Lang Req	Yoruba
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Divisible Course

Yoruba 101AR

Reading in Yoruba (120954)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Advanced reading in Yoruba.

Course Notes: **Not open to auditors.**

Recommended Prep: **Yoruba B or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam
HCOL: Foreign Lang Citation	Yoruba
FAS: Meets Foreign Lang Req	Yoruba
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Yoruba 101BR

Reading in Yoruba II (120955)

John Mugane

Taiwo Ehineni

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Advanced reading in Yoruba II.

Course Notes: **Not open to auditors.**

Recommended Prep: **Yoruba 101a or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Yoruba
FAS: Meets Foreign Lang Req	Yoruba
FAS: Course Level	For Undergraduate and Graduate Students

Yoruba 101BR

Reading in Yoruba II (120955)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Advanced reading in Yoruba II.

Course Notes: **Not open to auditors.**

Recommended Prep: **Yoruba 101a or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Yoruba
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Yoruba

Subject: Amharic

Amharic AA

Elementary Amharic (126300)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Amharic the statutory national language and major lingua franca of Ethiopia at the Elementary level (First year part 1). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
Full Year Course	Divisible Course
FAS: Meets Foreign Lang Req	Amharic

Amharic AB

Elementary Amharic (205838)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Amharic the statutory national language and major lingua franca of Ethiopia at the Elementary level (First year part 2). Contact hours supplemented by language digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year.This course is offered only in the Spring.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Amharic
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam

Amharic BA

Intermediate Amharic (205853)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Amharic the statutory national language and major lingua franca of Ethiopia at the Intermediate level (Second year part 1). Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency.Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Amharic BA in the Spring must note that Amharic BB is offered only in the Spring and must therefore wait for Spring to complete the course.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
Full Year Course	Divisible Course
FAS: Meets Foreign Lang Req	Amharic
FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	Amharic
FAS: Final Assessment Category	Three-hour Exam

Amharic BB

Intermediate Amharic (205841)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Afrikaans a major language spoken in South Africa at the Intermediate level (Second year part 2). Contact hours supplemented by digital resources sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Afrikaans BA in the Spring must note that Afrikaans BB is offered only in the Spring.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course
FAS: Meets Foreign Lang Req	Amharic
FAS Divisional Distribution	None
FAS: Final Assessment Category	Three-hour Exam
HCOL: Foreign Lang Citation	Amharic

Amharic 101AR

Advanced Amharic (205845)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Amharic the statutory national language and major lingua franca of Ethiopia at the Advanced level in the Fall semester. As needed, successive advanced readings in Amharic may be taken under Amharic 101ar every Fall.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Recommended Prep: **Amharic B or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Amharic
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Amharic
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Amharic 101BR

Advanced Amharic II (205862)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Amharic the statutory national language and major lingua franca of Ethiopia at the Advanced level in the Spring semester. As needed, successive advanced readings in Amharic may be taken under Amharic 101br every Spring.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Recommended Prep: **Amharic 101ar or equivalent**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Amharic
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Meets Foreign Lang Req	Amharic

Subject: West African Pidgin

West African Pidgin AA

Elementary West African Pidgin (204110)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

A study of West African Pidgin a major lingua Franca spoken in West Africa at the Elementary level (First year part 1). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, oral fluency and literacy. Students are strongly enrcouraged to complete both terms of this course (parts AA and AB) within the same academic year.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
Full Year Course	Divisible Course
FAS: Course Level	Primarily for Undergraduate Students
FAS: Final Assessment Category	Three-hour Exam
FAS: Meets Foreign Lang Req	West African Pidgin

West African Pidgin AB

Elementary West African Pidgin (205842)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of West African Pidgin a major lingua Franca spoken in West Africa at the Elementary level (First year part 1). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, oral fluency and literacy. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. This course is offered only in the Spring.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	West African Pidgin
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

West African Pidgin AB

Elementary West African Pidgin (205842)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

A study of West African Pidgin a major lingua Franca spoken in West Africa at the Elementary level (First year part 1). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, oral fluency and literacy. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. This course is offered only in the Spring.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	West African Pidgin
FAS: Final Assessment Category	Three-hour Exam
Full Year Course	Divisible Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

West African Pidgin BA

Intermediate West African Pidgin (205888)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of West African Pidgin a major lingua Franca spoken in West Africa at the Intermediate level (First year part 2). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, oral fluency and literacy. Students are strongly enrcouraged to complete both terms of this course (parts AA and AB) within the same academic year. Students taking West African Pidgin BA in the Spring must note that West African Pidgin BB is offered only in the Spring and must therefore wait for the following Spring to complete the course.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
HCOL: Foreign Lang Citation	West African Pidgin

FAS: Meets Foreign Lang Req	West African Pidgin
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll

West African Pidgin BB

Intermediate West African Pidgin (205871)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of West African Pidgin a major lingua Franca spoken in West Africa at the Elementary level (First year part 1). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, oral fluency and literacy. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking West African Pidgin BA in the Spring must note that West African Pidgin BB is offered only in the Spring.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	West African Pidgin
FAS: Meets Foreign Lang Req	West African Pidgin
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Divisible Course
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll

West African Pidgin 101AR

Advanced West African Pidgin (205877)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of West African Pidgin a major lingua Franca spoken in West Africa at the Advanced level in the Fall semester. As needed, successive advanced readings in West African Pidgin may be taken under West African Pidgin 101ar every Fall.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Recommended Prep: **West African Pidgin B or equivalent**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	West African Pidgin
FAS: Meets Foreign Lang Req	West African Pidgin

West African Pidgin 101BR

Advanced West African Pidgin II (205883)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of West African Pidgin a major lingua Franca spoken in West Africa at the Advanced level in the Spring semester. As needed, successive advanced readings in West African Pidgin may be taken under West African Pidgin 101br every Spring.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Recommended Prep: **West African Pidgin 101ar or equivalent**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	West African Pidgin
HCOL: Foreign Lang Citation	West African Pidgin
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Arts and Humanities

Subject: Pulaar

Pulaar AA

Elementary Pulaar (206946)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

A study of Pulaar the most widely spoken international language in West Africa at the Elementary level (First year part 1). Contact hours supplemented by digital resources. Emphasis on written expression,

reading comprehension, and oral fluency. Students are encouraged to complete both parts of this course (parts AA and AB) within the same academic year.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Pulaar
Full Year Course	Divisible Course
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam

Pulaar AB Section: 01

Elementary Pulaar (206947)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

A study of Pulaar the most widely spoken international language in West Africa at the Elementary level (First year part 2). Contact hours supplemented by language digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are encouraged to complete both parts of this course (parts AA and AB) within the same academic year. This course is offered only in the Spring.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Pulaar

Subject: Wolof

Wolof AA

Elementary Wolof (205984)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 15

A study of Wolof the major language spoken in Senegal at the Elementary level (First year part 1). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly enrcouraged to complete both terms of this course (parts AA and AB) within the same academic year.

Course Notes: **Languages in the tutorial program are offered when there is**

demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Wolof
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Wolof BA

Intermediate Wolof (205986)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 15

A study of Wolof the major language spoken in Senegal at the Intermediate level (Second year part 1). Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly enrcouraged to complete both terms of this course (parts AA and AB) within the same academic year. Students taking Wolof BA in the Spring must note that Wolof BB is offered only in the Spring and must therefore wait for Spring to complete the course.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Wolof
HCOL: Foreign Lang Citation	Wolof
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll

Wolof 101AR

Advanced Wolof (205988)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 15

A study of Wolof the major language spoken in Senegal at the Advanced level in the Fall semester. As needed, successive advanced readings in Wolof may be taken under Wolof 101ar every Fall.

Recommended Prep: **Wolof B or equivalent**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Wolof
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Wolof
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Wolof 101BR Section: 01

Advanced Wolof II (205989)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 15

A study of Wolof the major language spoken in Senegal at the Advanced level in the Spring semester. As needed, successive advanced readings Wolof may be taken under Wolof 101br every Spring.

Recommended Prep: **Wolof 101AR or equivalent**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Wolof
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Wolof
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Subject: Malagasi

Malagasi AA

Elementary Malagasi (206685)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Malagasi the language spoken in Madagascar at the Elementary level (First year part 1). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Malagasy
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Divisible Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Malagasi BA

Intermediate Malagasi (206687)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Malagasi the language spoken in Madagascar at the Intermediate level (Second year part 1). Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Malagasi BA in the Spring must note that Malagasi BB is offered only in the Spring and must therefore wait for Spring to complete the course.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
HCOL: Foreign Lang Citation	Malagasi
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Malagasy
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Malagasi 101AR

Advanced Malagasi (206689)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Malagasi the language spoken in Madagascar at the Advanced level in the Fall semester. As needed, successive advanced readings in Malagasi may be taken under Malagasi 101ar every Fall.

Recommended Prep: **Malagasi B or equivalent**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Malagasy
HCOL: Foreign Lang Citation	Malagasi

Subject: Shona

Shona AA

Elementary Shona (205977)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 15

A study of Shona a major language spoken mainly in Zimbabwe at the Elementary level (First year part 1). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
Full Year Course	Divisible Course
FAS: Meets Foreign Lang Req	Shona

Shona AB

Elementary Shona (205979)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Shona a major language spoken mainly in Zimbabwe at the Elementary level (First year part 2). Contact hours supplemented by language digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. This course is offered only in the Spring.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Shona
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course

Shona BA

Intermediate Shona (205980)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 15

A study of Shona a major language spoken mainly in Zimbabwe at the Intermediate level (Second year part 1). Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Shona BA in the Spring must note that Shona BB is offered only in the Spring and must therefore wait for Spring to complete the course.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
HCOL: Foreign Lang Citation	Shona
FAS: Meets Foreign Lang Req	Shona
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course

Shona BB

Intermediate Shona (205981)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Shona a major language spoken mainly in Zimbabwe at the Intermediate level (Second year part 2). Contact hours supplemented by digital resources sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Shona BA in the Spring must note that Shona BB is offered only in the Spring.

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
FAS: Meets Foreign Lang Req	Shona
All: Cross Reg Availability	Available for Harvard Cross Registration

HCOL: Foreign Lang Citation	Shona
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Shona 101AR

Advanced Shona (205982)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 15

A study of Shona a major language spoken mainly in Zimbabwe at the Advanced level in the Fall semester. As needed, successive advanced readings in Shona may be taken under Shona 101ar every Fall.

Recommended Prep: **Shona B or equivalent**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Shona
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Shona

Shona 101BR

Advanced Shona II (205983)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Shona a major language spoken mainly in Zimbabwe at the Advanced level in the Spring semester. As needed, successive advanced readings Shona may be taken under Shona 101br every Spring.

Recommended Prep: **Shona 101AR or equivalent**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Shona
FAS: Meets Foreign Lang Req	Shona
FAS Course Roll	FAS Course Roll

Subject: Twi

Twi AA

Elementary Twi (120944)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Twi is one of the regional languages of the Akan speaking peoples of Ghana, constituting the largest ethnic group in Ghana. Twi is fast becoming the *lingua franca* of the country. This course aims to help students acquire the Twi language at the basic or elementary level. Students are strongly enrcouraged to complete both terms of this course (parts AA and AB) within the same academic year.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Twi
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	None
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll

Twi AB

Elementary Twi (159869)

John Mugane

Francis Akutey-Baffoe

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Twi is one of the regional languages of the Akan speaking peoples of Ghana, constituting the largest ethnic group in Ghana. Twi is fast becoming the *lingua franca* of the country. This course aims to help students acquire the Twi language at the basic or elementary level. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Twi
FAS: Course Level	Primarily for Undergraduate Students

HCOL: Foreign Lang Citation	Twi
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll

Twi BA

Intermediate Twi (120947)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Twi A. Twi is one of the regional languages of the Akan speaking peoples of Ghana constituting the largest ethnic group in Ghana. Twi is fast becoming the *lingua franca* of the country. The Akan people are well known for their art and culture, especially the traditional colorful Kente cloth. Students are strongly encouraged to complete both terms of this course (parts AA and AB) within the same academic year.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Recommended Prep: **Twi A or the equivalent of one year's study of Twi.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Twi
HCOL: Foreign Lang Citation	Twi
Full Year Course	Divisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Twi BB

Intermediate Twi (159870)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Continuation of Twi A. Twi is one of the regional languages of the Akan speaking peoples of Ghana constituting the largest ethnic group in Ghana. Twi is fast becoming the *lingua franca* of the country. The Akan people are well known for their art and culture, especially the traditional colorful Kente cloth. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Recommended Prep: **Twi A or the equivalent of one year's study of Twi.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Twi
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Twi
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Twi 101AR

Reading in Twi (120948)

John Mugane

Taiwo Ehineni

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Advanced reading in Twi.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Recommended Prep: **Twi B or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
HCOL: Foreign Lang Citation	Twi
FAS: Meets Foreign Lang Req	Twi
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students

Twi 101BR

Reading in Twi II (120950)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Advanced reading in Twi II.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student,**

and when suitable instruction can be arranged. Please contact the department to learn more.

Recommended Prep: **Twi 101ar or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
HCOL: Foreign Lang Citation	Twi
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Twi

Subject: Hassaniy

Hassaniy AA Section: 01

Hassaniyah AA (214369)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Individualized study of Hassaniyah at the elementary levels. Contact hours with language coach. Emphasis on literacy.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Hassaniyah
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Subject: Cameroon

Cameroon AA

Elementary Cameroonian Pidgin (205669)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

A study of Cameroonian Pidgin the most widespread lingua franca in Cameroon at the Elementary level (First year part 1). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course (AA and AB) within the same academic year. The curriculum builds throughout the year.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course
FAS Divisional Distribution	Social Sciences
FAS: Meets Foreign Lang Req	Cameroonian
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Cameroon BA

Intermediate Cameroonian Pidgin (205857)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Cameroonian Pidgin the most widespread lingua franca in Cameroon at the Intermediate level (Second year part 1). Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course (AA and AB) within the same academic year. The curriculum builds throughout the year. Students taking Cameroonian Pidgin BA in the Spring must note that Cameroonian Pidgin BB is offered only in the Spring and must therefore wait for Spring to complete the course.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	Cameroonian Pidgin
Full Year Course	Divisible Course
FAS: Meets Foreign Lang Req	Cameroonian
FAS Course Roll	FAS Course Roll

Cameroon 101AR

Advanced Cameroonian Pidgin (205851)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Cameroonian Pidgin the most widespread lingua franca in Cameroon at the Advanced level in

the Fall semester. As needed, successive advanced readings in Cameroonian Pidgin may be taken under Cameroonian Pidgin 101ar every Fall.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Recommended Prep: **Cameroonian Pidgin B or equivalent**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Cameroonian
FAS Course Roll	FAS Course Roll
HCOL: Foreign Lang Citation	Cameroonian Pidgin
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students

Subject: KAMBA

KAMBA AA

Elementary Kamba (206920)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

A study of Kamba a major language spoken by the Kamba people of Kenya at the Elementary level (First year part 1). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are encouraged to complete both parts of this course (parts AA and AB) within the same academic year.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
FAS: Meets Foreign Lang Req	Kamba
Full Year Course	Divisible Course
FAS: Course Level	For Undergraduate and Graduate Students

KAMBA AB

Elementary Kamba (206921)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

A study of Kamba a major language spoken by the Kamba people of Kenya at the Elementary level (First year part 2). Contact hours supplemented by language digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are encouraged to complete both parts of this course (parts AA and AB) within the same academic year. This course is offered only in the Spring.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Kamba

Subject: Igbo

Igbo AA

Elementary Igbo (126308)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Igbo one of the three most widely spoken languages in Nigeria at the Elementary level (First year part 1). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to complete both terms of this course (parts AA and AB) within the same academic year.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Igbo
FAS: Final Assessment Category	Three-hour Exam
Full Year Course	Divisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Igbo AB

Elementary Igbo (205854)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Igbo one of the three most widely spoken languages in Nigeria at the Elementary level (First year part 2). Contact hours supplemented by language digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. This course is offered only in the Spring.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Igbo
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Igbo BA

Intermediate Igbo (205860)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Igbo one of the three most widely spoken languages in Nigeria at the Intermediate level (Second year part 1). Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to complete both terms of this course (parts AA and AB) within the same academic year. Students taking Igbo BA in the Spring must note that Igbo BB is offered only in the Spring and must therefore wait for Spring to complete the course.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more..**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Igbo
FAS: Meets Foreign Lang Req	Igbo
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
Full Year Course	Divisible Course
FAS Divisional Distribution	None

Igbo BB

Intermediate Igbo (205850)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Igbo one of the three most widely spoken languages in Nigeria at the Intermediate level (Second year part 2). Contact hours supplemented by digital resources sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Igbo BA in the Spring must note that Igbo BB is offered only in the Spring.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Igbo
FAS: Final Assessment Category	Three-hour Exam
HCOL: Foreign Lang Citation	Igbo
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Igbo 101AR

Advanced Igbo (205865)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Igbo one of the three most widely spoken languages in Nigeria at the Advanced level in the Fall semester. As needed, successive advanced readings in Igbo may be taken under Igbo 101ar every Fall.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Recommended Prep: **Igbo B or equivalent**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Igbo
HCOL: Foreign Lang Citation	Igbo
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students

FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Igbo 101BR

Advanced Igbo II (205874)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Igbo one of the three most widely spoken languages in Nigeria at the Advanced level in the Spring semester. As needed, successive advanced readings in Igbo may be taken under Igbo 101br every Spring.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Recommended Prep: **Igbo 101ar equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
HCOL: Foreign Lang Citation	Igbo
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS: Final Assessment Category	Three-hour Exam
FAS: Meets Foreign Lang Req	Igbo

Subject: Somali

Somali AA

Elementary Somali (206574)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Somali the official language of Somalia at the Elementary level (First year part 1). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
Full Year Course	Divisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Somali
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Somali BA

Intermediate Somali (206582)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Somali the official language of Somalia at the Intermediate level (Second year part 1). Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Somali BA in the Spring must note that Somali BB is offered only in the Spring and must therefore wait for Spring to complete the course.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Divisible Course
HCOL: Foreign Lang Citation	Somali
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Somali
FAS Course Roll	FAS Course Roll

Somali 101AR

Advanced Somali (206590)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Somali the official language of Somalia at the Advanced level in the Fall semester. As needed, successive advanced readings in Somali may be taken under Somali 101ar every Fall.

Recommended Prep: **Somali B or equivalent**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Somali
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Somali
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students

Somali 101BR

Advanced Somali II (206594)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Somali the official language of Somalia at the Advanced level in the Spring semester. As needed, successive advanced readings Somali may be taken under Somali 101br every Spring.

Recommended Prep: **Somali 101AR or equivalent**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Somali
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Somali

Subject: Nko (Bamanankan)

Nko (Bamanankan) BA

Intermediate Nko (Bamanankan) (206581)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Bamanankan the major language and lingua franca of Mali and Côte-d'Ivoire at the Intermediate level (Second year part 1). Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Bamanankan BA in the Spring must note that Bamanankan BB is offered only in the Spring and must therefore wait for Spring to complete the course.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student,**

and when suitable instruction can be arranged. Please contact the department to learn more.

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
HCOL: Foreign Lang Citation	Bamanankan
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Bamanakan
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Subject: Gikuyu

Gikuyu AA

Elementary Gikuyu (120934)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Gikuyu is a Bantu language spoken by Kenya's most populous ethnic group. The Gikuyu are among Africa's most recognized peoples because of the Mau Mau freedom fighters who were mainly Gikuyu. Students are strongly encouraged to take both parts of the course (AA and AB) within the same academic year. The curriculum builds throughout the year.

Course Notes: **The course is designed primarily for students who have no prior knowledge of Gikuyu; however, students with minimal knowledge of the language may also register for the course. Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Gikuyu
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Gikuyu AA

Elementary Gikuyu (120934)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Gikuyu is a Bantu language spoken by Kenya's most populous ethnic group. The Gikuyu are among Africa's most recognized peoples because of the Mau Mau freedom fighters who were mainly Gikuyu.

Students are strongly encouraged to take both parts of the course (AA and AB) within the same academic year. The curriculum builds throughout the year.

Course Notes: **The course is designed primarily for students who have no prior knowledge of Gikuyu; however, students with minimal knowledge of the language may also register for the course. Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Gikuyu

Gikuyu AB

Elementary Gikuyu (159781)

John Mugane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Gikuyu is a Bantu language spoken by Kenya's most populous ethnic group. The Gikuyu are among Africa's most recognized peoples because of the Mau Mau freedom fighters who were mainly Gikuyu. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year.

Course Notes: **The course is designed primarily for students who have no prior knowledge of Gikuyu; however, students with minimal knowledge of the language may also register for the course. Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Gikuyu
Full Year Course	Divisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Subject: Ewe

Ewe AA Section: 01

EWE AA (214450)

John Mugane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A study of a Niger–Congo language spoken in southeastern Ghana at the elementary level. Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
Full Year Course	Divisible Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

American Studies

Subject: American Studies

American Studies 201 Section: 01

Themes in American Studies (118017)

Carol Oja

2019 Fall (4 Credits) **Schedule:** T 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Interdisciplinary study of one or several topics.

Course Notes: **Required of first and second-year graduate students in American Studies and open to others by permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None

American Studies 314A

Colloquium on Pedagogy and Professional Development (205186)

Dan McKanan

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Topics in pedagogy and professional development for third-year students in American Studies. Stongly recommended for American Studies G-3s, and open to others by permission of the instructor.

Students must complete both terms of the course (parts A and B) within the same academic year in order to received credit.

Course Notes: **Instructor and meeting time for 2019-20 to be determined.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
Full Year Course	Indivisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

American Studies 314B

Colloquium on Pedagogy and Professional Development (205188)

Vincent Brown

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Topics in pedagogy and professional development for third-year students in American Studies. Strongly recommended for American Studies G-3s, and open to others by permission of the instructor.

Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Instructor and meeting time for 2018-19 to be determined.**

Additional Course Attributes:

Attribute	Value(s)
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Indivisible Course

American Studies 395

Graduate Work Related to the Coursework Requirement (214388)

2020 Spring (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

American Studies 395

Graduate Work Related to the Coursework Requirement (214388)

2019 Fall (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 396

Graduate Work Related to Teaching (214389)

2020 Spring (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

American Studies 396

Graduate Work Related to Teaching (214389)

2019 Fall (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 397

Graduate Work Related to Research (214390)

2019 Fall (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

American Studies 397

Graduate Work Related to Research (214390)

2020 Spring (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

American Studies 398

Reading and Research (110946)

Sven Beckert

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

American Studies 398

Reading and Research (110946)

Brandon Terry

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS: Course Level	Graduate Course

American Studies 398 Section: 002

Reading and Research (110946)

Robin Bernstein

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 398 Section: 002

Reading and Research (110946)

Robin Bernstein

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

American Studies 398 Section: 003

Reading and Research (110946)

Vincent Brown

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

American Studies 398 Section: 003

Reading and Research (110946)

Vincent Brown

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

American Studies 398 Section: 004

Reading and Research (110946)

Carol Oja

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 398 Section: 005

Reading and Research (110946)

Steven Biel

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

American Studies 398 Section: 005

Reading and Research (110946)

Steven Biel

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

American Studies 398 Section: 006

Reading and Research (110946)

Ann Braude

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

American Studies 398 Section: 006

Reading and Research (110946)

Ann Braude

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

American Studies 398 Section: 007

Reading and Research (110946)

Stephanie Burt

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

American Studies 398 Section: 007

Reading and Research (110946)

Stephanie Burt

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 398 Section: 008

Reading and Research (110946)

Glenda Carpio

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

American Studies 398 Section: 008

Reading and Research (110946)

Glenda Carpio

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 398 Section: 009

Reading and Research (110946)

Joyce Chaplin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

American Studies 398 Section: 009

Reading and Research (110946)

Joyce Chaplin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

American Studies 398 Section: 010

Reading and Research (110946)

Amanda Claybaugh

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

American Studies 398 Section: 010

Reading and Research (110946)

Amanda Claybaugh

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

American Studies 398 Section: 012

Reading and Research (110946)

Henry Gates

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

American Studies 398 Section: 012

Reading and Research (110946)

Henry Gates

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

American Studies 398 Section: 013

Reading and Research (110946)

Evelyn Brooks Higginbotham

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

American Studies 398 Section: 013

Reading and Research (110946)

Evelyn Brooks Higginbotham

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

American Studies 398 Section: 014

Reading and Research (110946)

Andrew Jewett

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

American Studies 398 Section: 014

Reading and Research (110946)

Andrew Jewett

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

American Studies 398 Section: 015

Reading and Research (110946)

Walter Johnson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

American Studies 398 Section: 015

Reading and Research (110946)

Walter Johnson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

American Studies 398 Section: 016

Reading and Research (110946)

Robin Kelsey

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 398 Section: 016

Reading and Research (110946)

Robin Kelsey

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

American Studies 398 Section: 017

Reading and Research (110946)

Alex Keyssar

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

American Studies 398 Section: 018

Reading and Research (110946)

James Kloppenberg

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

American Studies 398 Section: 018

Reading and Research (110946)

James Kloppenberg

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

American Studies 398 Section: 019

Reading and Research (110946)

Jill Lepore

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

American Studies 398 Section: 019

Reading and Research (110946)

Jill Lepore

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 398 Section: 020

Reading and Research (110946)

Erez Manela

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

American Studies 398 Section: 020

Reading and Research (110946)

Erez Manela

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 398 Section: 021

Reading and Research (110946)

Lisa McGirr

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

American Studies 398 Section: 021

Reading and Research (110946)

Lisa McGirr

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

American Studies 398 Section: 022

Reading and Research (110946)

Dan McKanan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

American Studies 398 Section: 022

Reading and Research (110946)

Dan McKanan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

American Studies 398 Section: 023

Reading and Research (110946)

Louis Menand

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 398 Section: 023

Reading and Research (110946)

Louis Menand

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

American Studies 398 Section: 024

Reading and Research (110946)

Ingrid Monson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

American Studies 398 Section: 024

Reading and Research (110946)

Ingrid Monson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

American Studies 398 Section: 025

Reading and Research (110946)

Elisa New

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

American Studies 398 Section: 025

Reading and Research (110946)

Elisa New

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

American Studies 398 Section: 026

Reading and Research (110946)

Julie Reuben

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 398 Section: 026

Reading and Research (110946)

Julie Reuben

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

American Studies 398 Section: 027

Reading and Research (110946)

Mayra Rivera

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

American Studies 398 Section: 027

Reading and Research (110946)

Mayra Rivera

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

American Studies 398 Section: 028

Reading and Research (110946)

Jennifer L. Roberts

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 398 Section: 028

Reading and Research (110946)

Jennifer L. Roberts

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

American Studies 398 Section: 029

Reading and Research (110946)

Tommie Shelby

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

American Studies 398 Section: 029

Reading and Research (110946)

Tommie Shelby

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

American Studies 398 Section: 030

Reading and Research (110946)

Marc Shell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 398 Section: 030

Reading and Research (110946)

Marc Shell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

American Studies 398 Section: 031

Reading and Research (110946)

Doris Sommer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

American Studies 398 Section: 031

Reading and Research (110946)

Doris Sommer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

American Studies 398 Section: 032

Reading and Research (110946)

John Stauffer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

American Studies 398 Section: 032

Reading and Research (110946)

John Stauffer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

American Studies 398 Section: 033

Reading and Research (110946)

Laurel Ulrich

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

American Studies 398 Section: 033

Reading and Research (110946)

Laurel Ulrich

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 398 Section: 034

Reading and Research (110946)

Carrie Lambert-Beatty

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 398 Section: 034

Reading and Research (110946)

Carrie Lambert-Beatty

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 398 Section: 035

Reading and Research (110946)

Ju Yon Kim

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

American Studies 398 Section: 035

Reading and Research (110946)

Ju Yon Kim

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 398 Section: 036

Reading and Research (110946)

Lorgia García Peña

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

American Studies 398 Section: 036

Reading and Research (110946)

Carrie Lambert-Beatty

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

American Studies 398 Section: 037

Reading and Research (110946)

Ju Yon Kim

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

American Studies 398 Section: 037

Reading and Research (110946)

Roberto Gonzales

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 398 Section: 038

Reading and Research (110946)

Janet Browne

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

American Studies 398 Section: 038

Reading and Research (110946)

Brandon Terry

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 398 Section: 039

Reading and Research (110946)

Deborah Anker

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 398 Section: 039

Reading and Research (110946)

Philip Deloria

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 398 Section: 040

Reading and Research (110946)

Roberto Gonzales

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

American Studies 398 Section: 041

Reading and Research (110946)

Lorgia García Peña

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

American Studies 398 Section: 042

Reading and Research (110946)

Philip Deloria

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

American Studies 398 Section: 043

Reading and Research (110946)

Jarvis Givens

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

American Studies 399

Direction of Doctoral Dissertation (124363)

Sven Beckert

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
No FAINFO	300 or 3000 level class, do not generate FAINFO

American Studies 399

Direction of Doctoral Dissertation (124363)

Sven Beckert

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 399 Section: 002

Direction of Doctoral Dissertation (124363)

Robin Bernstein

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 399 Section: 002

Direction of Doctoral Dissertation (124363)

Robin Bernstein

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

American Studies 399 Section: 003

Direction of Doctoral Dissertation (124363)

Glenda Carpio

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

American Studies 399 Section: 003

Direction of Doctoral Dissertation (124363)

Glenda Carpio

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

American Studies 399 Section: 004

Direction of Doctoral Dissertation (124363)

Joyce Chaplin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 399 Section: 004

Direction of Doctoral Dissertation (124363)

Joyce Chaplin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

American Studies 399 Section: 005

Direction of Doctoral Dissertation (124363)

Amanda Claybaugh

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 399 Section: 005

Direction of Doctoral Dissertation (124363)

Amanda Claybaugh

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 399 Section: 006

Direction of Doctoral Dissertation (124363)

Nancy Cott

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 399 Section: 006

Direction of Doctoral Dissertation (124363)

Nancy Cott

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

American Studies 399 Section: 007

Direction of Doctoral Dissertation (124363)

Evelyn Brooks Higginbotham

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

American Studies 399 Section: 007

Direction of Doctoral Dissertation (124363)

Evelyn Brooks Higginbotham

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 399 Section: 008

Direction of Doctoral Dissertation (124363)

Andrew Jewett

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 399 Section: 008

Direction of Doctoral Dissertation (124363)

Andrew Jewett

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

American Studies 399 Section: 009

Direction of Doctoral Dissertation (124363)

Walter Johnson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 399 Section: 009

Direction of Doctoral Dissertation (124363)

Walter Johnson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 399 Section: 010

Direction of Doctoral Dissertation (124363)

Mark Jordan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

American Studies 399 Section: 010

Direction of Doctoral Dissertation (124363)

Mark Jordan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

American Studies 399 Section: 011

Direction of Doctoral Dissertation (124363)

Louis Menand

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

American Studies 399 Section: 011

Direction of Doctoral Dissertation (124363)

Louis Menand

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

American Studies 399 Section: 012

Direction of Doctoral Dissertation (124363)

Jennifer L. Roberts

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

American Studies 399 Section: 012

Direction of Doctoral Dissertation (124363)

Jennifer L. Roberts

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

American Studies 399 Section: 013

Direction of Doctoral Dissertation (124363)

Doris Sommer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

American Studies 399 Section: 013

Direction of Doctoral Dissertation (124363)

Doris Sommer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

American Studies 399 Section: 014

Direction of Doctoral Dissertation (124363)

John Stauffer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

American Studies 399 Section: 014

Direction of Doctoral Dissertation (124363)

John Stauffer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 399 Section: 015

Direction of Doctoral Dissertation (124363)

Laurel Ulrich

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

American Studies 399 Section: 015

Direction of Doctoral Dissertation (124363)

Laurel Ulrich

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

American Studies 399 Section: 016

Direction of Doctoral Dissertation (124363)

Mayra Rivera

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

American Studies 399 Section: 016

Direction of Doctoral Dissertation (124363)

Brandon Terry

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

American Studies 399 Section: 017

Direction of Doctoral Dissertation (124363)

Julie Reuben

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

American Studies 399 Section: 017

Direction of Doctoral Dissertation (124363)

Julie Reuben

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 399 Section: 018

Direction of Doctoral Dissertation (124363)

Philip Deloria

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

American Studies 399 Section: 018

Direction of Doctoral Dissertation (124363)

Philip Deloria

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

American Studies 399 Section: 019

Direction of Doctoral Dissertation (124363)

Mayra Rivera

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 399 Section: 019

Direction of Doctoral Dissertation (124363)

Lorgia García Peña

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 399 Section: 020

Direction of Doctoral Dissertation (124363)

Ju Yon Kim

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

American Studies 399 Section: 020

Direction of Doctoral Dissertation (124363)

Vincent Brown

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

American Studies 399 Section: 021

Direction of Doctoral Dissertation (124363)

Lorgia García Peña

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

American Studies 399 Section: 022

Direction of Doctoral Dissertation (124363)

Ju Yon Kim

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Anthropology

Subject: Anthropology

Anthropology 91XR

Supervised Reading and Research in Archaeology (123451)

Gary Urton

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special study of selected topics in archaeology, given on an individual basis and directly supervised by a member of the department. May be taken for a letter grade or pass/fail. To enroll, a student must submit a petition form (available from the Head Tutor for Archaeology or downloadable from the department's Anthropology[Archaeology] website), signed by the adviser with whom he or she wishes to study, and a proposed plan of study.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

Anthropology 91XR

Supervised Reading and Research in Archaeology (123451)

Gary Urton

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special study of selected topics in archaeology, given on an individual basis and directly supervised by a member of the department. May be taken for a letter grade or pass/fail. To enroll, a student must submit a petition form (available from the Head Tutor for Archaeology or downloadable from the department's Anthropology[Archaeology] website), signed by the adviser with whom he or she wishes to study, and a proposed plan of study.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Anthropology 91ZR

Supervised Reading and Research in Social Anthropology (123453)

Zoe Eddy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special study of selected topics in Anthropology, given on an individual basis and directly supervised by a member of the Department. May be taken for a letter grade or Pass/Fail. To enroll, a student must submit to the Anthropology Undergraduate Office, Tozzer 103B, a course form signed by the adviser under whom s/he wishes to study and a proposed plan of study. Anthro 91zr form available from the Undergrad Office, or the department website.

Course Notes: **This course is offered via the Social Anthropology track within Anthropology.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Anthropology 91ZR

Supervised Reading and Research in Social Anthropology (123453)

Zoe Eddy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special study of selected topics in Anthropology, given on an individual basis and directly supervised by a member of the Department. May be taken for a letter grade or Pass/Fail. To enroll, a student must submit to the Anthropology Undergraduate Office, Tozzer 103B, a course form signed by the adviser under whom s/he wishes to study and a proposed plan of study. Anthro 91zr form available from the Undergrad Office, or the department website.

Course Notes: **This course is offered via the Social Anthropology track within Anthropology.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Anthropology 92XR

Archaeological Research Methods in Museum Collections (123454)

Gary Urton

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special (individual) study of Peabody Museum (PM) collections approved by the PM Director and directly

supervised by a member of the PM curatorial staff. Requires a project involving a museum collection developed in consultation with the supervisor.

Course Notes: **Must be taken for a letter grade. Priority given to students in Anthropology and related departments. To enroll, submit a petition form (available on the Anthropology [Archaeology] website), signed by the supervisor, the PM Director, and the Head Tutor for Archaeology and including a proposed research agenda, preferably during the term preceding the term of enrollment. See the Head Tutor for Archaeology or members of the Peabody Museum curatorial staff for more information.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

Anthropology 92XR

Archaeological Research Methods in Museum Collections (123454)

Gary Urton

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special (individual) study of Peabody Museum (PM) collections approved by the PM Director and directly supervised by a member of the PM curatorial staff. Requires a project involving a museum collection developed in consultation with the supervisor.

Course Notes: **Must be taken for a letter grade. Priority given to students in Anthropology and related departments. To enroll, submit a petition form (available on the Anthropology [Archaeology] website), signed by the supervisor, the PM Director, and the Head Tutor for Archaeology and including a proposed research agenda, preferably during the term preceding the term of enrollment. See the Head Tutor for Archaeology or members of the Peabody Museum curatorial staff for more information.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

Anthropology 92ZR

Social Anthropology Research Methods in Museum Collections (123455)

Zoe Eddy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Special (individual) study of Peabody Museum collections directly supervised by a faculty member and a member of the curatorial staff. Requires a project involving a Harvard Museum collection, developed in consultation with the supervisors.

Course Notes: **Must be taken for a letter grade. Priority given to students in Anthropology and related departments**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Anthropology 97X

Sophomore Tutorial in Archaeology (113567)

Amy Clark

2020 Spring (4 Credits) **Schedule:** M 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 10

This course will focus on archaeological thinking, the cognitive skeleton of the discipline of archaeology, the principles and the logic that are the foundation of all archaeological conclusions and research. Central to this is an understanding of research design, archaeological theory and interpretation, culture and material culture; as well as an understanding of how to examine and construct an archaeological argument.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Anthropology 97Z

Sophomore Tutorial in Social Anthropology (143028)

Steven C. Caton

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The course is designed as a foundational course with the specific purpose of introducing the principal social theorists whose work has been crucial to the discipline of social anthropology, that is: Marx, Durkheim, Weber, and Foucault. The first objective is to delineate the broad outlines of their thought and the central questions that informed their intellectual and political interventions. The second objective is to provide a solid grounding in the key concepts as well as the theoretical and methodological contributions of these social theorists. Finally, we will seek to demonstrate how contemporary anthropological theory continues to engage with their work.

Course Notes: **Required of all concentrators. Weekly 2-hour sections to be arranged.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Anthropology 98A

Junior Tutorial in Anthropology (205494)

Zoe Eddy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course is focused on preparing students to do anthropological fieldwork and develop their own research projects. Through concrete case studies and practical exercises students will be introduced to different approaches to developing research problems, conducting research, and ethnographic writing. Topics covered will include defining research questions and objects of study, situating projects within scholarly literature, and bringing together research data and analysis in different forms of anthropological writing.

The aim of the course is not an exhaustive overview of research design but to familiarize students with some of the key practices and concerns of anthropological research and writing. The course seeks to guide students in reading anthropological texts, understanding the range of data and its representations, unpacking the analytical moves being made in the text, and thinking through the implications of such presentation.

The course is divided into two main components. The first focuses on a case study of a developing anthropological work by the instructor. Through select readings related to their topic of interest and original research documents (proposals, fieldnotes, media, news reports, photographs, analytical essays, among others) students will learn the process of turning a research question into an anthropological project. The case study is also meant to prepare students for the experience of conducting their own research and serve as an example of how to transform research findings into anthropological writing.

Simultaneously, this course is also a research practicum in which students will apply what they have learned to design their own anthropological projects and share with each other research goals, experiences, and components of their emerging work. Through structured assignments, seminar workshops, and regular individual meetings with their instructor students will produce an original research essay based on their research over the course of the semester.

Course Notes: **Required of all concentrators in Anthropology.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences

Anthropology 98B

Junior Tutorial for Thesis Writers in Anthropology (205522)

Zoe Eddy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This individual tutorial is for anthropology students intending to write a senior thesis, and is normally undertaken with an advanced graduate student during the second term of junior year. Students will have weekly meetings with the project advisor for the purposes of developing the appropriate background research on theoretical, thematic, regional, and methodological literature relevant to their thesis topic, and fully refining their summer research proposal. The tutorial's final paper will be comprised of a research proposal representing the research undertaken during the semester.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Anthropology 99A

Thesis Tutorial in Anthropology - Senior Year (205184)

Zoe Eddy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

This is a full year research and writing seminar limited to senior honors candidates. The course is intended to provide students with practical guidance and advice during the thesis writing process through structured assignments and peer feedback on work-in-progress. It is intended to supplement not replace faculty thesis advising (with the requirement of consulting regularly with the advisor built into the assignments) and, most importantly, allow students to share their work and experiences with other thesis writers in a collegial and supportive environment. The seminar will be run jointly by the Department of Anthropology Assistant Director of Undergraduate Studies and the Writing Tutor. Part one of a two part series.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Divisible Course
All: Cross Reg Availability	Not Available for Cross Registration

Anthropology 99B

Thesis Tutorial in Anthropology - Senior Year (205185)

Zoe Eddy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

This is a full year research and writing seminar limited to senior honors candidates. The course is intended to provide students with practical guidance and advice during the thesis writing process through structured assignments and peer feedback on work-in-progress. It is intended to supplement not replace faculty thesis advising (with the requirement of consulting regularly with the advisor built into the assignments) and, most importantly, allow students to share their work and experiences with other thesis writers in a collegial and supportive environment. The seminar will be run jointly by the Department of Anthropology Assistant Director of Undergraduate Studies and the Writing Tutor. Part two of a two-part series.

Requirements: **Prerequisite Anthro 99A**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration

Anthropology 1038

Game of Stones: The Archaeology of Europe from Handaxes to Stonehenge (215108)

Amy Clark

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Game of Stones: The Archaeology of Europe from Handaxes to Stonehenge Buried beneath modern cities, Roman amphitheaters, and Medieval churches lie subtle traces of Europe's earlier occupants: campsites littered stone tools and animal bones, human bodies preserved in bogs and frozen in ice, and cave walls decorated with extinct animals. This course will explore European prehistory from the first colonization of Europe by Homo erectus, around a million years ago, to the building of Stonehenge, c. 2000 B.C. We will cover some of those most exciting topics in archaeology today: How similar were Neanderthals to us and why did they go extinct? When and why did groups subsisting on hunting and gathering take up farming? And finally, for what purpose were large stone monuments such as Stonehenge and Newgrange built?

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Anthropology 1040

Origins of the Food We Eat (109581)

Richard Meadow

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

The most significant lifestyle revolution in the human past was the change from hunting and gathering to agriculture and pastoralism. That shift in the subsistence base has facilitated, and has been facilitated by, increasing populations and a restructuring of social and economic relations over the past 10,000 years. Focusing on key geographic areas and transformative time periods, we discuss how this process began by focusing on the domestication of what have become the staples and major condiments of modern diets around the world. We also consider the spread and adoption of domestic plants and animals across the Eastern and Western Hemispheres as well as the globalization of food that began at the end of the 15th century CE with the Columbian Exchange.

To study the processes of domestication and subsequent exploitation of domestic plants and animals requires a multi-disciplinary approach. Thus we sample contributions from a wide range of fields including archaeology, anthropology, history, linguistics, botany, zoology, genetics, biogeochemistry, climatology, geomorphology, oceanography, demography, and nutritional science. Fundamental, however, are archaeological excavations, which provide the material remains necessary for specialized analyses as well as the temporal and social contexts needed for their interpretation.

The course is discussion-based, with background material, concepts, and topics introduced by the instructor. Geographical focus is on West, South, and East Asia, Mesoamerica, and the Andean region, with other areas (Europe, Central Asia, Africa, New Guinea, Oceania, Amazonia, and North America) touched upon for specific foods. Readings are in the primary and secondary literature, focusing on key plants, animals, analytical methods, and interpretative debates. Evaluation is based on completing assigned readings before each class, participating in class discussion, and submitting one written assignment by Friday afternoon of each week on a topic to be specified. Graduate students are required to submit a short tightly focused research paper before the end of the semester.

Course Notes: **Given in alternate years.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students

Anthropology 1060

Introduction to Archaeological Science (111192)

Christina Warinner

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course offers an introduction to eight major areas of archaeological science: (1) relative and absolute dating, (2) human osteology, (3) paleoethnobotany and micro remains, (4) stable isotopes, (5) organic residue analysis, (6) zooarchaeology and ZooMS, (7) proteomics, and (8) paleogenomics. Students will gain an understanding of the history of the field and its future directions, the method and theory behind how different tools and techniques work, and how archaeological science is transforming archaeology today.

Recommended Prep: **One year of college-level chemistry or physics.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

Anthropology 1082

Moundbuilders, Birdmen, and Earth Monsters: The Archaeology of Eastern North America (215110)

Robert Cook

2020 Spring (4 Credits) **Schedule:** W 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 10

This course introduces the archaeological study of the ancient societies of eastern North America, with a focus on the Ohio River Valley region, the first frontier of the United States. We will explore inter-related aspects of religion, economy, technology, and human biology associated with the span of time ranging from the first arrival of humans to the European invasion of the continent. The emphasis is on key forms and changes in social organization associated with shifts between foraging and farming, the development of widely shared ideologies, and senses of place as expressed through persistent monumentality. We conclude the semester with a consideration of the various ways in which indigenous peoples of the Eastern U.S. shaped and were shaped by European colonizers and settlers. Final student research projects will inform the creation of a small exhibit in the Peabody Museum.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Anthropology 1156

East of Babylon: The Archaeology and Geopolitics of Middle Asia (212663)

Benjamin Mutin

2019 Fall (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

At the crossroads of the Islamic World, Iran is very much in the news these days for the reason that it has a central role in current Middle Eastern and Central Asian geopolitics. Yet, few understand that the modern country and its entangled relations with the other countries in the Middle East and Central Asia today are built on the foundation of thousands of years of history and prehistory. This course is designed to introduce students to the geography and modern geopolitics of Middle Asia—i.e., Iran and its neighbours between the Zagros Mountains and the Indus Valley and from southern Central Asia to the Persian Gulf and the Indian Ocean—and to provide an overview of the archaeology of this region. Aspects of current events and recent history in this region are presented, such as China's "New Silk Road" in Central Asia, Iran and Pakistan; the geopolitics of Iran; the emergence of Dubai as a major trading hub; and the continuous foreign meddling in Afghanistan.

In this course, students are familiarized with the archaeology of the prehistory, proto-history, and early historical periods of Middle Asia. For the period between 10,000 and 2,300 years ago we discuss the emergence of agriculture and settled life during the Neolithic period, the first urban civilizations during the Bronze Age, and the Persian Empire and its conquest by Alexander the Great. We also consider the emergence of social complexity, state formation, the development of a variety of craft industries and technologies, long-distance trade and exchange, the diffusion of languages and the emergence of writing. We review the major sites and civilizations of Middle Asia and discuss the main anthropological theories proposed to interpret these data. By the end of the course, students will have acquired an understanding of how the rich cultural history of Middle Asia has provided a foundation for current dynamics in this part of the world.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

Anthropology 1186

Cannibalism, Sacrifice, Infanticide: Violence in the Human Past (212863)

Nicholas Carter

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course explores the evidence for three kinds of violence in past societies considered especially shocking or controversial in the contemporary, developed West: human sacrifice, the killing of infants and children, and the consumption of the human dead. Avoiding exoticism and suspending condemnation in favor of anthropological inquiry, the course considers cannibalism, sacrifice, and infanticide as culturally specific expressions of universal human drives and preoccupations. Using a seminar format, we will examine archaeological and ethnohistoric case studies drawn from a wide range of time periods, cultures, and regions in an effort to identify and explain diversity and commonalities among such practices

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Anthropology 1190

The Invasion of America: The Anthropology of American Encounters, 1492-1830 (125450)

Matt Liebmann

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

In 1492 Native Americans discovered Europeans, changing the world forever. The European invasion of the Americas triggered demographic, economic, and ecological changes on an unprecedented scale. The subsequent movement of plants, animals, and goods prompted global shifts in population, exploitation of resources, and the transformation of environments on both sides of the Atlantic. What can archaeology tell us about early encounters between Native Americans and Europeans? Why did the European conquest of the Americas play out as it did? This course investigates these questions through the sites where first contacts occurred, the objects exchanged by Native peoples and colonists, and the scars that remain in the ground. Through investigations of first contacts, Indigenous politics, disease epidemics, Native rebellions, and ecological changes, Anthropology 1190 presents a sweeping continent-wide treatment of the historical archaeology of Native Americans between 1492-1800.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students

Anthropology 1210

The Archaeology of Ancient China (119371)

Rowan Flad

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

A survey of the archaeology of China from the origins of humans during the Palaeolithic into the Bronze Age (ca. 220 BCE), with an emphasis on the origins of agriculture and the emergence of complex society during the late Neolithic and Early Bronze Age. We survey important archaeological finds from these periods and examine relevant issues in anthropological archaeology. Sections will involve the discussion and use of materials from the Peabody and Sackler Museums.

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Anthropology 1250

The Pyramids of Giza: Technology, Archaeology, History (127050)

Peter Manuelian

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Focuses on the Pyramids, Sphinx, and tombs at Giza (ca. 2500 BC), in the context of ancient Egyptian history, art, and archaeology. The HU-MFA Expedition excavated Giza, resulting in today's Giza Project at Harvard. Seminar takes place in Harvard's Visualization Center with 3D viewing of the Giza Necropolis on a 23-foot screen, and consists of introductory lectures, student presentations, and field trips. Topics range from challenges of archaeological information processing to Old Kingdom mortuary art and architecture, to issues of ownership and repatriation. Students will also contribute to the (real world) Giza Project at Harvard.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Anthropology 1255

Human Diet: from Neanderthals to the future of food (212875)

Christina Warinner

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course surveys the evolution of human diet, from the foods of our earliest ancestors to the contents of today's supermarkets. We'll cover the definition of food, human nutritional requirements, major dietary transitions and food innovations in human history, the roots of world cuisine, the modern food industry, and current and future food challenges.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

Anthropology 1401

Migration & Mexico/U.S. Borderlands: Moral Dilemmas, Religion & Liminal/Latinx Modes of Being (160434)

Davíd L. Carrasco

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course explores the current crisis at the Mexico-U.S. borderlands within the epic context of human migration and mobility in historical and global perspectives. Focusing on individual lives and collective stories of homeland and displacement we investigate various forms of religiosity, violence and non-violence, artistic responses, coping strategies, transculturation and the fluidity of national and cultural borders. We consider the material, symbolic and existential conditions of the traveling self.

This course uses Professor Davíd Carrasco's "ensemble approach" (texts, art, music, film) to understand the deepening crisis and tragedy of "Greater Mexico", the symbolism and contents of 'sacred bundles', the cultural and political dynamics of 'center and peripheries' and 'deep rivers of devotion' that animate these Latinx worlds. Drawing on the interpretive approaches of anthropologists, sociologists, and historians of religion (including the literature on 'rites of passage') the course explores the question of 'what cultural and religious resources help migrants survive the ordeal of migration, establish new identities and strive for well-being as strangers in a strange land?'

Course Notes: **Course has additional section hour to be arranged.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students

Anthropology 1603

The Law and Its Limits: Anthropological Approaches to Law (215111)

Malavika Reddy

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

We often talk about the power of law to shape our worlds but what about its powerlessness. The aim of this class is to disrupt commonsense pieties about law and its place in social life. People the world over increasingly are turning to the law to address social, political and environmental ills. An axiom of contemporary life is that modern societies need the rule of law to address social, political and environmental ills. Yet, in the face of entrenched problems, including expanding who belongs, addressing inequality, and confronting environmental crisis, law often appears impotent or, worse, detrimental. This course grapples with the simultaneous hunger for and weakness of law, its power and its powerlessness, by guiding students through an exploration of the following questions. How, why and to whose benefit or expense is the law posed as an answer to political and social problems? What can we learn from situations in which law harms? Who asks for law? Who resists law? How does legal process transform conflict and define the terms of its resolution? The course will seek answers to these questions via an engagement with the empirical -- case studies from around the world -- and the theoretical, ultimately building to an understanding of the various ways that law disables and enables change today.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Anthropology 1610

Ethnographic Research Methods (119379)

Ieva Jusionyte

2019 Fall (4 Credits) **Schedule:** W 0900 AM - 1100 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to methodology for contemporary ethnographic field research in anthropology. Students complete assigned and independent research projects relying on a variety of ethnographic methods, under supervision of department faculty.

Course Notes: **Open to undergraduates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Anthropology 1638

Megafauna Among Us: Humans and Other Charismatic Animals (215112)

Zoe Eddy

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Whales, wolves, great apes, big cats, buffalo, bears-- these animals populate human cultural imaginations. From animal advocacy groups to zoos to movies, so-called "charismatic megafauna" and/or "flagship species" dominate a wide swath of debates. By focusing on a selection of animals, this course explores a) how people interpret these animals, and b) how human interactions impact these animals and their natural environments. Organized around different animals and the controversies, questions, and events surrounding them, this course will emphasize how animals reflect human understandings of morality, culture, and history. Course themes focus heavily on environmental activism, public and environmental policy, Indigeneity, and animals in tourism markets. While this class centers on North American case studies, international examples will help create a cross-comparative global context. In addition to exploring the cultural context of large animals, students will also learn how to approach these issues as anthropologists. Every class will feature a module wherein students tackle problems with different theory and methodology from anthropological research. This course relies on interspecies approaches to anthropological research on animals: critical use of interdisciplinary materials will generate multiple perspectives on the animals we study. Finally, Indigenous methodology and ontology about animals and the environment will serve as a foundation for discussion.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students

Anthropology 1640

Language and Culture (112218)

Steven C. Caton

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This is a course in linguistic anthropology. We explore key theoretical issues in the semiotic anthropology of language use, focusing on communication, social (inter)action, representation, cultural conceptualization, and language ideology. By presenting many of the most influential and innovative contributions to the study of language in culture and society—both recent and classic—the course aims to guide students in asking fundamental questions about language and communication more broadly as facts of everyday sociocultural experience.

Course Notes: **No previous knowledge of linguistics or of anthropology is required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Anthropology 1645

Exploring Culture Through Film (120570)

Veronika Kusumaryati

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will provide an introduction to the history and theory of documentary and ethnographic film with a focus on the politics of representation and the challenges made to the canonical mainstream. We will discuss the changing paradigms of "ethnographic" film, situating these debates within their historical film contexts and explore how new digital media technologies effect the politics of representation. A variety of cinematic styles from essay films and new media to observational cinema will be screened and discussed.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Anthropology 1687

Wheat, Coffee, Cotton, Cannabis: Capitalism, Crops and the Making of the Modern World (213502)

Aarti Sethi

2019 Fall (4 Credits) **Schedule:** M 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course tells the story of modernity as one of agrarian change. While we have come to associate the modern world with industry and cities, 60% of the globe's population works in agriculture and 100% of the world depends upon it. The rise of industrial capitalism in Europe transformed peasant farmers into workers. The earliest factories organized on capitalistic lines, such as cotton and paper mills, organized laboring and plant bodies in new relations. The consolidation of modern nation states, global cities, and sustaining non-agricultural urban populations required direct techno-scientific interventions into plant-life and the industrial harnessing of nature. We will study the social history and contemporary economies of specific crops – cotton, sugar, tobacco, tea, wheat, rice and cannabis among others – to understand how the plants we eat, wear, write on and smoke are imbricated in the histories of colonialism, empire, race and slavery. Topics covered include theoretical approaches to agrarian change, bio-science and GM technology, the control of 'criminal plants' and the war on drugs, agri-business, the global food crises and the impact of climate change on hereditary farming communities around the world.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Anthropology 1711

Global Intimacies: Love and Labor in a Mobile World (215113)

Andrea Wright

2020 Spring (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

By analyzing the intersections of love, sex, labor, power, and money, this course will explore theoretical and ethnographic approaches to global intimacies, particularly intimate and reproductive labor. Readings will focus on ethnographic works that illustrate how global mobilities and intimate relations are linked and delinked. By engaging with some of the most influential contributions to the study of gender, labor, and migration, this course will guide students in understanding global and transnational transformations; and in doing so, help students connect issues of gender, sexuality, race, class, and power to changing practices of love, intimacy, and livelihood.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Anthropology 1824

Race and Genetics: American Biopolitics (213467)

Anna Jabloner

2019 Fall (4 Credits) **Schedule:** W 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 18

This seminar examines the increasingly convoluted relationship between genetics/genomics and race in the United States. In this contemporary moment, geneticists are debating definitions or "locations" of race on the human genome. Some draw on older racial classifications, others claim that the complexities of human ancestry cannot be captured by race. In this course, we will read social scientific studies of race categories in genetics and genomics, as well as scholarship on the meanings of race as identity category in American society. Rather than define what race really is or pass judgments on biology, our goal will be to understand a) the historically and culturally specific relationship between race and genetics, and b) the political stakes and charged conditions and implications of the current entanglements of genomic science and race categories in American society.

Course Notes: **Advanced undergraduate students**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Anthropology 1836AR

Sensory Ethnography 1 (156390)

Lucien Castaing-Taylor

2020 Spring (4 Credits) **Schedule:** TR 0600 PM - 0730 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

Students use video and audio to produce short works about embodied experience, culture, and nature.

Course Notes: **This course is also offered as AFVS 158AR.**

Students must also be enrolled in AFVS 158BR, Sensory Ethnography 2. Interested students must attend first meeting of class during shopping week to speak with teaching staff about course enrollment procedure.

No previous studio experience necessary.

Class Notes: **There will be a mandatory 2 hour lab for this course to be determined.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Anthropology 1836BR

Sensory Ethnography 2 (122149)

Lucien Castaing-Taylor

2020 Spring (4 Credits) **Schedule:** TR 0730 PM - 1000 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

Students are introduced to current issues in art, aesthetics, and anthropology, and produce collaborative experimental works of sensory ethnography.

Course Notes: **This is also offered as AFVS 158BR.**

Students must also be enrolled in Anthro 1836Ar, Sensory Ethnography 1. Interested students must attend first meeting of class during shopping week to speak with teaching staff about course enrollment procedure.

No previous studio experience necessary.

Class Notes: **There will be a mandatory 2 hour lab to be determined.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Anthropology 1883

Where Science Meets Society: Introduction to STS (213469)

Anna Jabloner

2020 Spring (4 Credits) **Schedule:** W 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

The German word for science literally means "knowledge made." In line with this meaning, STS approaches science as practice. The interdisciplinary field asks empirically and methodologically how knowledge is made, how truths become truths, and how matters come to matter and to be matters of fact. This course serves as basic introduction to STS, highlighting key political interventions, theoretical contributions, and the field's recent ascent into a burgeoning academic inter-discipline.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Anthropology 1894

Paperwork: What Does Paper Do for Social Life? (212905)

Malavika Reddy

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

How does paper work in contemporary life? Few terms are as evocative of the drudgery of modernity, yet are as unexamined as is paperwork. Tacking between ethnography and social theory, this course examines how paper artifacts – from forms, reports and memoranda to identity papers, receipts and business cards – mediate, materialize, constitute, and shape the collective projects that produce them. What does the paperwork's perspective allow us to see about the institutions, collaborations and polities in which we take part? Given its ubiquity, how does paperwork become understood as alienating? The course begins with a discussion of methods. With what conceptual and ethnographic tools have social scientists made sense of paper forms? The class is then divided in thirds: the first examines the relationship of documents and bureaucracy; the second asks about the ways in which paperwork makes people and power; and the final section considers how paper artifacts construct pasts and (purportedly paperless) futures.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Anthropology 1900

Counseling as Colonization? Native American Encounters with the Clinical Psy-ences (208154)

Joseph Gone

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 25

American Indian, First Nations, and other Indigenous communities of the USA and Canada contend with disproportionately high rates of "psychiatric" distress. Many of these communities attribute this distress to their long colonial encounters with European settlers. Concurrently, throughout the 20th century, the disciplines and professions associated with mind, brain, and behavior (e.g., psychiatry, psychology, psychoanalysis) consolidated their authority and influence within mainstream society. These "psy-ences" promote their professional practices (e.g., diagnosis, psychotherapy) as plausible remedies for Indigenous social suffering, but many Indigenous communities remain skeptical of—and resistant to—these clinical approaches, primarily for cultural and political reasons. In this seminar, we will consider whether and how the concepts, categories, tools, and techniques of the mental health professions might be appropriately adapted and/or adopted for use with Indigenous communities in an increasingly globalized world. In recognition of the (post)colonial status of these populations, we will attend closely to alterNative cultural and spiritual approaches that have been identified and promoted by Indigenous people themselves as conducive to healing and wellness. This course is designed for upper-level undergraduate students interested in medical anthropology, professional psychology, pre-medicine, Indigenous studies, and related social and health sciences. Students will participate in regular seminar discussions, write routine responses to assigned readings, and submit major independent research papers addressed to the promotion of Indigenous well-being. Student engagement and exchange during class is essential, so routine attendance and participation are expected throughout the semester.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

Anthropology 1926

Is More Money a Good Thing Everywhere? Anthropological Approaches to the Economy (213503)

Aarti Sethi

2019 Fall (4 Credits) **Schedule:** M 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

How do societies decide what can be sold (commodified) and what may only be given as a gift (love?). This

course introduces the methods and concepts of economic anthropology, political-economy and the study of exchange in human societies. Is 'having' the same as 'owning'? Is money a universal token of value? How do consumption choices become political, ethical and moral statements about self and society? What happens when people may buy bits of other people (organs, breast-milk, hair, wombs)? Is the 'free market' really free? Is thieving anti-social or revolutionary? We will read theoretical and ethnographic approaches to production, consumption, trade, saving, investment, barter and theft as social, symbolic and political acts, proceeding from the tenet that relations between things reflect relations between people.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

Anthropology 1940

How People Live With The Gods (215114)

Aarti Sethi

2020 Spring (4 Credits) **Schedule:** M 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course focuses on conceptual and theoretical issues in the study of religion, with a focus on the religious traditions of South Asia. Religion attempts to sequester a fundamental mystery of human existence: what lies before, outside, adjacent to, and after mortal corporeal existence. Is divinity immanent in the world or transcendental to it? How do people, animals and things become sacralized? What do relations between people and gods, tell us about interactions between people and people? The course examines religion and ritual as lived socio-material and symbolic practices, ideologies of political and state power, the means of interaction between co-existing groups, the production of social hierarchy and challenge to dominant orders, and as a source of ecstatic experience, personal healing and ethical dispositions.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

Anthropology 2010AR

Materials in Ancient Societies:Ceramics (120535)

Richard Meadow

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course examines the technologies used in the production of ceramic vessels, bricks, tiles, and mortars in ancient and non-industrial societies. It also focuses on the laboratory-analytical techniques that enable

reconstruction of these technologies.

The course has been designed to consider: (1) the principles of geology and of materials science and engineering that provide an understanding of the properties and behavior of clays (and other ceramic materials) as materials systems; (2) the activities involved in producing, using, and distributing ceramic materials and ceramic products; (3) the culture-producing and culture-using aspects of ceramic technologies.

Laboratory sessions include microscopy with emphasis on petrography of ceramics and geological materials, mechanical testing of fired ceramics, and the appropriate methods for documenting and reporting the analyses of archaeological artifacts made from ceramic materials.

Recommended Prep: **Pre-Registration is required. Please contact anthrouc@fas.harvard.edu for further information.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Anthropology 2020

GIS & Spatial Analysis In Archaeology (120580)

Jason Ur

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** 8

An introduction to the GIS and remote sensing methods used by archaeologists to document and analyze datasets at the scale of the site and the region. This class will involve the hands-on use of printed maps, aerial photography, satellite imagery, digital terrain models, GPS-based observations, and UAV (drone) photogrammetry to approach archaeological research questions. Students will gain competence in creating spatial data for fieldwork, print publication, and online visualization (web maps and 3D modeling), and in basic spatial analysis of archaeological datasets. Labs will use data from the instructor's Middle Eastern case studies, but students will be responsible for assembling a GIS database for their own region of interest.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Anthropology 2036

Lithic Technology (108968)

Amy Clark

2019 Fall (4 Credits) **Schedule:** R 0900 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Stone tools represent the oldest known human technology. They represent the most abundant and arguably one of the most informative elements of the archaeological record for reconstructing ancient human behavior over the last 3.3 million years. In this graduate seminar that is open to undergraduates with permission, students are provided with a solid methodological and theoretical grounding in how to interpret stone (lithic) tools. The course includes hands-on training in how to identify and analyze stone tools, qualitative and quantitative approaches to process and interpret lithic data, and detailed discussions of current theoretical perspectives that use stone tools to understand broader questions about the evolution and diversity of human behavioral adaptations. The course will draw heavily on the analysis of archaeological collections from New World and Old World stored at Harvard's Peabody Museum, capped by student-devised experimental research projects.

Course Notes: **Undergraduates welcome, with permission of the instructor.**

Class Notes: **College Fellow, Amy Clark, is the instructor for the course.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences

Anthropology 2064

The Archaeology of Mesopotamia (212757)

Jason Ur

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A survey of current issues in the archaeology and history of ancient Mesopotamia (today within the states of Iraq, Syria, Turkey, and Iran). The course focus will be on urban origins, the nature of urban societies in the Bronze Age, and the expansion and impact of empires in the Iron Age. Issues will include kinship and "the State," the economic infrastructure of cities, the nature of political control, and the different theoretical approaches that archaeologists and historians have used to investigate them.

Intended for graduate students in archaeology, NELC, and history, or advanced undergraduate archaeology concentrators.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Anthropology 2070

Archaeological Method and Theory: Seminar (120489)

Rowan Flad

2019 Fall (4 Credits) **Schedule:** T 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The class covers archaeological method and theory emphasizing the 1950s onwards. Large-scale trends in social theory will be balanced with attention to the ideas and writings of significant anthropologists and archaeologists.

Course Notes: **Required of graduate students in the Archaeology Program of Anthropology; this class is designed for graduate students but enthusiastic and energetic undergraduates are most welcome.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

Anthropology 2175

Quipu (Khipu): Reading the Inka Knotted-String Records (119387)

Gary Urton

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will guide you through an intensive investigation of one of the most remarkable artifacts of the ancient Americas: the quipu (khipu). Quipus were the devices used for record keeping in the Inca empire of pre-Columbian South America. Quipus recorded numerical information useful to Inca administrators, as well as information used to construct accounts of Inca myths, genealogies, histories and other narrative genres. We will study quipu samples in the Peabody Museum, and we will practice the arts of spinning, plying and knotting threads used in the production of quipus. The general objective of the course is to understand how these complex knotted-string devices served the Incas in the recording of information of interest to administrators of what was the largest state of the ancient New World - the Inca Empire.

Course Notes: **Undergraduate students welcome.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

Anthropology 2211

Archaeology and Heritage (160955)

William Fash

2020 Spring (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The links between archaeology, cultural heritage, and nation building have been fundamentally important to archaeological practice since the origins of the discipline. The uses and abuses of archaeology by the state over the past fifty years have been criticized by all manner of social scientists, journalists, local

communities and indigenous people in countries across the globe, in dozens of books, hundreds of articles, and The International Journal of Heritage Studies. Archaeological practice and heritage management continue to be the topic of lively theoretical and legal debates by multiple stakeholders with competing claims to the past. The ideological uses and commodification of archaeological heritage by diverse factions has led many archaeologists to become actively involved in creating sustainable solutions that promote responsible heritage stewardship in this dynamic context. The members of the seminar will read and discuss theoretical schema, practice and critiques from the Americas and the Old World in examining innovative approaches to archaeological heritage management. The focus in this seminar will be on finding a 'third way' to address the valid claims of local communities and indigenous peoples, vis-à-vis the ways central governments construct their own origin myths and legitimation of the state through archaeological research and its presentation to the public.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Anthropology 2250B

Proseminar in Archaeology (125735)

Gary Urton

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This graduate seminar reviews critical issues in archaeological approaches to the study of complex societies, including writing, trade, craft specialization, technology, landscape, urbanism, and political organization.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

Anthropology 2637

Subaltern Anthropology & the Politics of Method (212943)

Youssef J. Carter

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Why have anthropologists found it necessary to imagine, and then craft, a "decolonization" of their discipline? What kinds of insurgencies get enveloped in social scientific methodologies through which scholars, black scholars in particular, have studied the colonial epistemologies and uneven socialities that configure how we experience our world(s)? This course engages in a reading of particular anthropological discourses on race, gender, and varying social institutions theorized and examined through Black scholarship as inherently and necessarily political. While there has been illumination on African-American

legacies within Anthropology, this course builds on those recognitions by looking more broadly, into preoccupations with Black Feminist discourse and other kinds of emancipatory ethics, for example, while relying on ethnography as a medium and methodology for problematizing critical assumptions about "cultures". We attempt to further this by finding commonality in the methodological concerns shared from within both African continental and diasporic scholarship alike. Insofar as the humanities and social sciences has served as colonial weaponry in order to subjugate entire aspects of the human terrain, the working assumption pushed forward here is that such disciplines have always been political. This course examines how, and by what means, subaltern scholarship is, and has been, invested in shifting broadly-held misconceptions about human beings and their relations

Course Notes: **Undergraduate students are welcome to enroll.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

Anthropology 2650A

History and Theory of Social Anthropology: Proseminar (110977)

Nicholas Harkness

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A critical review of the major theoretical approaches in social anthropology.

Course Notes: **Required of candidates for the PhD in Social Anthropology. Not open to undergraduates.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Anthropology 2650B

History and Theory of Social Anthropology: Proseminar (144623)

Jean Comaroff

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This class is a critical exploration of theory and method in Anthropology. To what extent have claims for the unique potential of the discipline for critical estrangement stood up to the challenges of the long history of modernity on a world-wide scale? What might its distinctive modes of investigation offer other decentering projects in the human sciences as they grapple with the changing nature of society, state, and empire in the face of radical shifts in the form of economy and politics; or the morphing shape of

capitalism, value production, and social inequality? The course will explore how the interplay of scholarly practice and context have shifted in Anthropology from colonial to postcolonial times, and will encourage discussion of the genealogy of the discipline, broadly understood, within the human sciences writ large.

Course Notes: **Required of candidates for the PhD in Social Anthropology. Not open to undergraduates.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Anthropology 2653

Feminism and Anthropology (213468)

Anna Jabloner

2020 Spring (4 Credits) **Schedule:** R 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course considers the relationship between feminism (as activist realm, as theoretical field, in its institutionalized form as gender studies) and anthropology. We will begin with early ethnographic writing by women and about women, and analyze some of the interventions feminists hope to make in anthropology. We will then examine the relationship between feminism and anthropology through two topics: kinship and politics. Our course will consider how feminist anthropologists have connected the study of kinship, culture and nature, and carved out a place for the anthropological study of gender relations. In our study of kinship, the politics of reproduction and of labor will be important issues, such as the question of who gets to be related to whom, and whose work counts as what. In our study of politics, we will look at specific feminist statements and consider their impact on, and relationship with, the field of anthropology. Finally, our course will investigate more recent work on nature and biology, as well as (queer) gender and sexuality, in order to speculate on the futures and potentials of feminist anthropologies.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

Anthropology 2690

Middle East Ethnography: Discourse, Politics, and Culture (122439)

Steven C. Caton

2019 Fall (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 18

The discursive construction of culture and its complex politics are examined in a wide range of ethnographies that have been written recently on countries in the Middle East, including Lebanon, Jordan, Israel/Palestine, Egypt, Morocco, Yemen, and Iran. Among the theoretical topics to be considered are

orientalism, colonialism and post-colonialism, nationalism, self, gender, and tribalism.

Course Notes: **Open to undergraduates.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Anthropology 2695

Design Anthropology: Objects, Landscapes, Cities (107371)

Gareth Doherty

2020 Spring (4 Credits) **Schedule:** F 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

In recent years, there has been a movement in anthropology toward a focus on objects, while design and planning have been moving toward the understanding of objects as part of a greater social, political, and cultural milieu. This seminar explores their common ethnographic ground.

In spring 2020, the Design Anthropology course will focus on Afro-Brazilian sacred groves, terreiros, in Salvador da Bahia, the fourth largest city in Brazil. Terreiros can be understood as a combination of urban farm and monastery where energies of nature / orishas / deities associated with Afro-Brazilian religions are cultivated through combinations of plants and sacred leaves combined with animal sacrifice and religious rituals. In these spaces, Afro-diasporic memories, knowledge and deities are celebrated.

Terreiros are plentiful in Brazilian cities such as Salvador which is commonly referred to as "the Black Rome," because of its hilly topography, the number of churches, and the fusion of African religions that enslaved populations brought to the new world. There are officially about 1,300 terreiros in Salvador, although some researchers maintain that this figure is closer to 2,000. They have very particular internal arrangements—and they are among the last remaining green spaces in an increasingly dense city.

Fieldwork

Eight students will visit Salvador over Spring Recess (March 13–22) and, working in pairs, document the physical and social spaces. GSD students will be selected through the limited enrolment lottery. FAS students will be selected through a short essay due immediately after the first class session. The remaining twelve students who do not travel will conduct their research through secondary sources. There are no prerequisites. Knowledge of Portuguese would be helpful but is not required.

Assignments

Students are expected to engage in two main projects over the course of the semester. The first is the fieldwork either in person or using secondary sources. The class periods leading up to the fieldwork will prepare students—methodologically, ethnographically, and theoretically—for this exercise. After spring recess, all students will share in the results of the collaborative fieldwork to interpret it and produce visualizations of the physical space and lived experience. This first assignment will prepare students to complete the second main project of the course: a design proposal capturing their thinking on design anthropology and the future of the terreiros.

Learning objectives Where possible, the synergy between anthropologists and designers will be cultivated to maximize exchange between disciplines. The seminar provides students with training in ethnographic methods which can be applied in other academic and professional projects. On completion of the course, students should be prepared for conducting their own ethnographic fieldwork projects, either alone or collectively. During the semester, students will:

1. Apply fieldwork as a bridge between design and anthropology;

2. Develop theoretical positions on landscape arising from fieldwork;

3. Identify non-written forms of note taking;

4. Experiment with visualizing social phenomena and the lived experiences of spaces;

Course Notes: **Offered jointly with the Graduate School of Design as GSD 3336.**

Students enrolled in Anthro 2695 will need to make arrangements to pay $300 for international travel, in addition to the costs of meal and incidentals with the Graduate School of Design's Department of Landscape Architecture. Students are responsible for obtaining the necessary visas. One set itinerary is made for the trip with no modifications. If students wish to modify the itinerary, it may be possible for them to do so in direct contact with the travel agent, and the student is responsible for any change fees incurred. Students will need to sign a travel waiver in the Department of Landscape Architecture and register their trip with Harvard Travel Assist.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

Anthropology 2704

Linguistic Pragmatics and Cultural Analysis in Anthropology (119983)

Nicholas Harkness

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Exploring classic theory and recent innovations in linguistic anthropology and the semiotic anthropology of communication, we connect the social life of language to its role in culture.

Course Notes: **Limited to graduate students**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

Anthropology 2705

Semiotic Anthropology (160462)

Nicholas Harkness

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This seminar examines the mediation of socio-cultural life by sign phenomena in multiple modalities of experience.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences

Anthropology 2710

Event, Time, Memory (116071)

Steven C. Caton

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course examines the way anthropology has looked at time theoretically and ethnographically. It begins with a comparison of the way different cultures have "classified" time and time reckoning,. This is then followed by the anthropology of the event as started by Marshall Sahlins' and his work on Captain Cook's arrival in the Pacific, and host of other analyses of the "event" that came after it (drawing inspiration from historiography). The third framework is the study of "memory," particularly the idea of collective memory, as it bears on both anthropological and historical analysis. The fourth framework has to do with different formulations of "temporalities" that infuse our experiences of "everyday" life. Besides anthropological readings, the course will draw from historiography and philosophy to inform what we mean by event, time, and memory.

Course Notes: **No prior knowledge of anthropology is required. Graduates and undergraduates are welcome**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences

Anthropology 2727

Anthropology of Media, Critical Surveys (110009)

Veronika Kusumaryati

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This course is a critical survey of the principal studies in the anthropology of media. It will address the aesthetic and political debates across the history of this sub-discipline in anthropology whose central questions include: In what ways has anthropology engaged with media? What role do different types of media play in constituting the cultures and societies in which we live? How has the

emergence of digital media transformed the anthropology of media? How do we as anthropologists go about researching media? The course begins with a critical look at anthropology itself to interrogate broader issues that are particularly endemic to the field, such as media production, consumption, and circulation, and issues of representations and power. Students will examine various media forms, from photography, radio, television, film, to the internet, and learn different anthropological theories and methods for conducting media research. Discussions and assignments in the course are geared towards a critical understanding of media. By the end of the course, students are expected to gain critical tools to analyze mass media and their role in advancing specific political, economic, and cultural interests, and to devise an intervention to existing media representations and relations of power.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Anthropology 2738

Remaking Life and Death (211109)

Anya Bernstein

2020 Spring (4 Credits) **Schedule:** W 0600 PM - 0800 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course is a critical reading graduate seminar focusing on how defining the boundaries between life and death became a matter of profound political, cultural, and scientific debate. Guided by the concepts of bio- and necropolitics, we will explore the shifting relations between body and person, human and time, and technology and biology while attending to the changing political, biomedical and religious contexts. The course includes readings from a number of anthropological subfields, including medical anthropology, anthropology of science and technology, religion, politics, and the Anthropocene. We will discuss the range of issues, from the classic studies of mortuary rituals to political lives of dead bodies to technoscientific reconfigurations of the human and of life itself.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Anthropology 2841

Ethnography as Practice and Genre (212865)

Ieva Jusionyte

2019 Fall (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 20

What is ethnography, as a mode of witnessing, a method of research, a form of storytelling? How is it distinct from other ways of producing knowledge about human experience? How do ethnographers understand and engage with the ethics and politics of fieldwork and writing? This seminar raises these and other questions underlying the practice and genre of ethnography. It delves into the issues of participation, power, and perspective; the nature of evidence; the reliability of representation; the relation between description and interpretation and between narrative and theory; and the role of different viewpoints and of the author's voice. Through close reading and discussion of selected texts, the course examines ethnography's epistemology, ethics, politics, and poetics. Experience in ethnographic research is not required in order to enroll; however, students who have previously conducted fieldwork, even if limited in scope, and are preparing on doing it again in the future will benefit from this seminar the most.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Anthropology 3000

Reading Course (113022)

Anya Bernstein

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
No FAINFO	300 or 3000 level class, do not generate FAINFO
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Anthropology 3000

Reading Course (113022)

Anya Bernstein

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Anthropology 3000 Section: 002

Reading Course (113022)

Theodore Bestor

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Anthropology 3000 Section: 002

Reading Course (113022)

Theodore Bestor

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Anthropology 3000 Section: 003

Reading Course (113022)

Davíd L. Carrasco

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Anthropology 3000 Section: 003

Reading Course (113022)

Davíd L. Carrasco

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Anthropology 3000 Section: 004

Reading Course (113022)

Lucien Castaing-Taylor

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Anthropology 3000 Section: 004

Reading Course (113022)

Lucien Castaing-Taylor

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Anthropology 3000 Section: 005

Reading Course (113022)

Steven C. Caton

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Anthropology 3000 Section: 005

Reading Course (113022)

Steven C. Caton

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Anthropology 3000 Section: 006

Reading Course (113022)

Jean Comaroff

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Anthropology 3000 Section: 006

Reading Course (113022)

Jean Comaroff

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Anthropology 3000 Section: 007

Reading Course (113022)

John Comaroff

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Anthropology 3000 Section: 007

Reading Course (113022)

John Comaroff

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Anthropology 3000 Section: 008

Reading Course (113022)

Paul Farmer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Anthropology 3000 Section: 008

Reading Course (113022)

Paul Farmer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Anthropology 3000 Section: 009

Reading Course (113022)

William Fash

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Anthropology 3000 Section: 009

Reading Course (113022)

William Fash

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Anthropology 3000 Section: 010

Reading Course (113022)

Rowan Flad

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Anthropology 3000 Section: 010

Reading Course (113022)

Rowan Flad

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Anthropology 3000 Section: 011

Reading Course (113022)

Joseph Gone

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Anthropology 3000 Section: 011

Reading Course (113022)

Joseph Gone

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Anthropology 3000 Section: 012

Reading Course (113022)

Byron Good

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Anthropology 3000 Section: 012

Reading Course (113022)

Byron Good

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Anthropology 3000 Section: 013

Reading Course (113022)

Nicholas Harkness

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Anthropology 3000 Section: 013

Reading Course (113022)

Nicholas Harkness

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Anthropology 3000 Section: 014

Reading Course (113022)

Ieva Jusionyte

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Anthropology 3000 Section: 014

Reading Course (113022)

Ieva Jusionyte

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Anthropology 3000 Section: 015

Reading Course (113022)

Arthur Kleinman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Anthropology 3000 Section: 015

Reading Course (113022)

Arthur Kleinman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Anthropology 3000 Section: 016

Reading Course (113022)

Matt Liebmann

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Anthropology 3000 Section: 016

Reading Course (113022)

Matt Liebmann

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Anthropology 3000 Section: 017

Reading Course (113022)

Peter Manuelian

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Anthropology 3000 Section: 017

Reading Course (113022)

Peter Manuelian

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Anthropology 3000 Section: 018

Reading Course (113022)

Richard Meadow

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Anthropology 3000 Section: 018

Reading Course (113022)

Richard Meadow

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Anthropology 3000 Section: 019

Reading Course (113022)

George Paul Meiu

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Anthropology 3000 Section: 019

Reading Course (113022)

George Paul Meiu

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Anthropology 3000 Section: 020

Reading Course (113022)

Michael J. Puett

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Anthropology 3000 Section: 020

Reading Course (113022)

Michael J. Puett

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Anthropology 3000 Section: 021

Reading Course (113022)

Malavika Reddy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Anthropology 3000 Section: 021

Reading Course (113022)

Ajantha Subramanian

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Anthropology 3000 Section: 022

Reading Course (113022)

Jason Ur

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Anthropology 3000 Section: 022

Reading Course (113022)

Ajantha Subramanian

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Anthropology 3000 Section: 023

Reading Course (113022)

Jason Ur

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Anthropology 3000 Section: 023

Reading Course (113022)

Gary Urton

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Anthropology 3000 Section: 024

Reading Course (113022)

Christina Warinner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Anthropology 3000 Section: 024

Reading Course (113022)

Gary Urton

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Anthropology 3000 Section: 025

Reading Course (113022)

Amy Clark

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Anthropology 3000 Section: 025

Reading Course (113022)

Christina Warinner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the Department.

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Anthropology 3001

Reading for General Examination (116603)

Anya Bernstein

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Anthropology 3001

Reading for General Examination (116603)

Anya Bernstein

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Anthropology 3001 Section: 002

Reading for General Examination (116603)

Theodore Bestor

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Anthropology 3001 Section: 002

Reading for General Examination (116603)

Theodore Bestor

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Anthropology 3001 Section: 003

Reading for General Examination (116603)

Davíd L. Carrasco

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Anthropology 3001 Section: 003

Reading for General Examination (116603)

Davíd L. Carrasco

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Anthropology 3001 Section: 004

Reading for General Examination (116603)

Lucien Castaing-Taylor

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Anthropology 3001 Section: 004

Reading for General Examination (116603)

Lucien Castaing-Taylor

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Anthropology 3001 Section: 005

Reading for General Examination (116603)

Steven C. Caton

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Anthropology 3001 Section: 005

Reading for General Examination (116603)

Steven C. Caton

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Anthropology 3001 Section: 006

Reading for General Examination (116603)

Jean Comaroff

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Anthropology 3001 Section: 006

Reading for General Examination (116603)

Jean Comaroff

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Anthropology 3001 Section: 007

Reading for General Examination (116603)

John Comaroff

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Anthropology 3001 Section: 007

Reading for General Examination (116603)

John Comaroff

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Anthropology 3001 Section: 008

Reading for General Examination (116603)

Paul Farmer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Anthropology 3001 Section: 008

Reading for General Examination (116603)

Paul Farmer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Course Roll	FAS Course Roll

Anthropology 3001 Section: 009

Reading for General Examination (116603)

William Fash

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Anthropology 3001 Section: 009

Reading for General Examination (116603)

William Fash

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Anthropology 3001 Section: 010

Reading for General Examination (116603)

Rowan Flad

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Anthropology 3001 Section: 010

Reading for General Examination (116603)

Rowan Flad

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Anthropology 3001 Section: 011

Reading for General Examination (116603)

Joseph Gone

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Anthropology 3001 Section: 011

Reading for General Examination (116603)

Joseph Gone

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Anthropology 3001 Section: 012

Reading for General Examination (116603)

Byron Good

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Anthropology 3001 Section: 012

Reading for General Examination (116603)

Byron Good

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Anthropology 3001 Section: 013

Reading for General Examination (116603)

Nicholas Harkness

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Anthropology 3001 Section: 013

Reading for General Examination (116603)

Nicholas Harkness

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Anthropology 3001 Section: 014

Reading for General Examination (116603)

Ieva Jusionyte

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Anthropology 3001 Section: 014

Reading for General Examination (116603)

Ieva Jusionyte

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

FAS Divisional Distribution	None

Anthropology 3001 Section: 015

Reading for General Examination (116603)

Arthur Kleinman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Anthropology 3001 Section: 015

Reading for General Examination (116603)

Arthur Kleinman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Anthropology 3001 Section: 016

Reading for General Examination (116603)

Matt Liebmann

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Anthropology 3001 Section: 016

Reading for General Examination (116603)

Peter Manuelian

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Anthropology 3001 Section: 017

Reading for General Examination (116603)

Richard Meadow

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Anthropology 3001 Section: 017

Reading for General Examination (116603)

Peter Manuelian

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Anthropology 3001 Section: 018

Reading for General Examination (116603)

George Paul Meiu

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Anthropology 3001 Section: 018

Reading for General Examination (116603)

Richard Meadow

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Anthropology 3001 Section: 019

Reading for General Examination (116603)

Michael J. Puett

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Anthropology 3001 Section: 019

Reading for General Examination (116603)

George Paul Meiu

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Anthropology 3001 Section: 020

Reading for General Examination (116603)

Michael J. Puett

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Anthropology 3001 Section: 020

Reading for General Examination (116603)

Ajantha Subramanian

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

FAS Course Roll	FAS Course Roll

Anthropology 3001 Section: 021

Reading for General Examination (116603)

Jason Ur

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Anthropology 3001 Section: 021

Reading for General Examination (116603)

Malavika Reddy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Anthropology 3001 Section: 022

Reading for General Examination (116603)

Gary Urton

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Anthropology 3001 Section: 022

Reading for General Examination (116603)

Ajantha Subramanian

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Anthropology 3001 Section: 023

Reading for General Examination (116603)

Jason Ur

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Anthropology 3001 Section: 023

Reading for General Examination (116603)

Christina Warinner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Anthropology 3001 Section: 024

Reading for General Examination (116603)

Gary Urton

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Anthropology 3001 Section: 024

Reading for General Examination (116603)

Kaya Williams

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Anthropology 3001 Section: 025

Reading for General Examination (116603)

Amy Clark

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Anthropology 3001 Section: 025

Reading for General Examination (116603)

Christina Warinner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the General Examination for the PhD degree.

Course Notes: **Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Anthropology 3070

Professionalization in Archaeology (120488)

Christina Warinner

2020 Spring (4 Credits) **Schedule:** MW 0600 PM - 0715 PM

Instructor Permissions: None **Enrollment Cap:** n/a

All good research begins with a strong foundation. This course is aimed at providing you with the foundational knowledge and basic tools you need to succeed as a professional archaeologist. Aided in part by guest speakers from within and beyond Harvard, this course emphasizes collaborative research, presentation, publication, grant proposal writing, conflict resolution, and other skills to help you complete your PhD and to be competitive on the job market afterwards, and to navigate the complex intellectual, social, and personal demands of academia.

Course Notes: **Anthropology 2070 is commonly taken before Anthropology 3070, but is not a prerequisite. Required of students in the Archaeology Program of Anthropology; open to other graduate students and advanced undergraduates with permission of instructor.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Anthropology 3200

Dissertation Writing Workshop in Social Anthropology (110152)

Steven C. Caton

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **With permission of instructor, priority to dissertation writers in the PhD programs in Anthropology (Social Anthropology and Archaeology).**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Anthropology 3400

Reading and Research (119079)

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Anthropology 3400

Reading and Research (119079)

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Anthropology 3410

Teaching Fellows (210892)

2020 Spring (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

For students acting as Teaching fellows affiliated with the Antropology Department.

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Anthropology 3410

Teaching Fellows (210892)

2019 Fall (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

For students acting as Teaching fellows affiliated with the Antropology Department.

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Anthropology 3500

Direction of Doctoral Dissertations (111058)

Anya Bernstein

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
No FAINFO	300 or 3000 level class, do not generate FAINFO

Anthropology 3500

Direction of Doctoral Dissertations (111058)

Anya Bernstein

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Anthropology 3500 Section: 002

Direction of Doctoral Dissertations (111058)

Theodore Bestor

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Anthropology 3500 Section: 002

Direction of Doctoral Dissertations (111058)

Theodore Bestor

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Anthropology 3500 Section: 003

Direction of Doctoral Dissertations (111058)

Davíd L. Carrasco

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Anthropology 3500 Section: 003

Direction of Doctoral Dissertations (111058)

Davíd L. Carrasco

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Anthropology 3500 Section: 004

Direction of Doctoral Dissertations (111058)

Lucien Castaing-Taylor

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Anthropology 3500 Section: 004

Direction of Doctoral Dissertations (111058)

Lucien Castaing-Taylor

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Anthropology 3500 Section: 005

Direction of Doctoral Dissertations (111058)

Steven C. Caton

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Anthropology 3500 Section: 005

Direction of Doctoral Dissertations (111058)

Steven C. Caton

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Anthropology 3500 Section: 006

Direction of Doctoral Dissertations (111058)

Jean Comaroff

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Anthropology 3500 Section: 006

Direction of Doctoral Dissertations (111058)

Jean Comaroff

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

FAS Course Roll	FAS Course Roll

Anthropology 3500 Section: 007

Direction of Doctoral Dissertations (111058)

John Comaroff

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Anthropology 3500 Section: 007

Direction of Doctoral Dissertations (111058)

John Comaroff

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Anthropology 3500 Section: 008

Direction of Doctoral Dissertations (111058)

Paul Farmer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Anthropology 3500 Section: 008

Direction of Doctoral Dissertations (111058)

Paul Farmer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Anthropology 3500 Section: 009

Direction of Doctoral Dissertations (111058)

William Fash

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Anthropology 3500 Section: 009

Direction of Doctoral Dissertations (111058)

William Fash

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Anthropology 3500 Section: 010

Direction of Doctoral Dissertations (111058)

Rowan Flad

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Anthropology 3500 Section: 010

Direction of Doctoral Dissertations (111058)

Rowan Flad

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Anthropology 3500 Section: 011

Direction of Doctoral Dissertations (111058)

Joseph Gone

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Anthropology 3500 Section: 011

Direction of Doctoral Dissertations (111058)

Joseph Gone

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Anthropology 3500 Section: 012

Direction of Doctoral Dissertations (111058)

Byron Good

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Anthropology 3500 Section: 012

Direction of Doctoral Dissertations (111058)

Byron Good

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Anthropology 3500 Section: 013

Direction of Doctoral Dissertations (111058)

Nicholas Harkness

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Anthropology 3500 Section: 013

Direction of Doctoral Dissertations (111058)

Nicholas Harkness

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Anthropology 3500 Section: 014

Direction of Doctoral Dissertations (111058)

Ieva Jusionyte

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Anthropology 3500 Section: 014

Direction of Doctoral Dissertations (111058)

Ieva Jusionyte

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Anthropology 3500 Section: 015

Direction of Doctoral Dissertations (111058)

Arthur Kleinman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Anthropology 3500 Section: 015

Direction of Doctoral Dissertations (111058)

Arthur Kleinman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Anthropology 3500 Section: 016

Direction of Doctoral Dissertations (111058)

Peter Manuelian

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Anthropology 3500 Section: 016

Direction of Doctoral Dissertations (111058)

Matt Liebmann

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Anthropology 3500 Section: 017

Direction of Doctoral Dissertations (111058)

Peter Manuelian

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

FAS: Course Level	Graduate Course

Anthropology 3500 Section: 017

Direction of Doctoral Dissertations (111058)

Matt Liebmann

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Anthropology 3500 Section: 018

Direction of Doctoral Dissertations (111058)

Richard Meadow

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Anthropology 3500 Section: 018

Direction of Doctoral Dissertations (111058)

Peter Manuelian

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Anthropology 3500 Section: 019

Direction of Doctoral Dissertations (111058)

Richard Meadow

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Anthropology 3500 Section: 019

Direction of Doctoral Dissertations (111058)

George Paul Meiu

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Anthropology 3500 Section: 020

Direction of Doctoral Dissertations (111058)

George Paul Meiu

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Anthropology 3500 Section: 020

Direction of Doctoral Dissertations (111058)

Michael J. Puett

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Anthropology 3500 Section: 021

Direction of Doctoral Dissertations (111058)

Michael J. Puett

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Anthropology 3500 Section: 021

Direction of Doctoral Dissertations (111058)

Malavika Reddy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Anthropology 3500 Section: 022

Direction of Doctoral Dissertations (111058)

Ajantha Subramanian

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Anthropology 3500 Section: 022

Direction of Doctoral Dissertations (111058)

Jeffrey Quilter

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Anthropology 3500 Section: 023

Direction of Doctoral Dissertations (111058)

Ajantha Subramanian

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Anthropology 3500 Section: 023

Direction of Doctoral Dissertations (111058)

Jason Ur

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Anthropology 3500 Section: 024

Direction of Doctoral Dissertations (111058)

Gary Urton

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Anthropology 3500 Section: 024

Direction of Doctoral Dissertations (111058)

Christian Tryon

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Anthropology 3500 Section: 025

Direction of Doctoral Dissertations (111058)

Christina Warinner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the Department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Anthropology 3626

Research Design/Proposal Writing (116522)

Anya Bernstein

2019 Fall (4 Credits) **Schedule:** W 0600 PM - 0800 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course is part seminar, part practicum. Its purpose is to help students conceptualize and design a research project, to craft effective research and grant proposals, and to prepare for ethnographic and archival work. The first and longest part of the course will focus on formulating a researchable project, in all its various elements; how to write a statement of problem, to frame arguments/theses, to situate work in the appropriate anthropological literature/s, to develop a methodological approach, and techniques, commensurate with the objectives and claims of the study, and to make a case for its significance and contribution to the discipline. To the extent time permits, the class will also pursue a secondary objective: imparting professional skills, primarily in the area of writing and publishing, but also in oral presentation, that will be useful to students throughout their professional lives.

Course Notes: **By permission only. The class is open to third year social anthropology students who have done most of the background reading for their PhD dissertation research and are actively working on a formal research proposal, of which they have a draft in hand.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Anthropology 3628

Anthropological Research Methods (108949)

Veronika Kusumaryati

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This course offers a conceptual overview of research methods used by anthropologists. We will hear from faculty members their experience of doing fieldwork—from formulating a research question, choosing a site, entering the field to ethical issues they face in the field. Students will not only learn about but also practice these various methods and reflect on their projects in lights of the discussion about methods. To that end, students will complete several exercises and craft a method paper for their own project.

Course Notes: **This course is limited to graduate students in anthropology.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Anthropology 3636

Pedagogy in Anthropology (214587)

Rowan Flad

Richard Meadow

2020 Spring (2 Credits) **Schedule:** M 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course has two aims: 1) to provide graduate students with the necessary training to be effective Teaching Fellows at Harvard, and 2) to give you the tools to develop your own approach to critical pedagogy in the field of Anthropology. Required for graduate students in the Spring of their second year. Classes will also be advertised to all Anthropology graduate students as optional Pedagogy Workshops for professional development. While discussions will be tailored to the unique challenges of teaching in Anthropology (across Archaeology and Social Anthropology), students will also be prepared to TF outside of Anthropology. Workshop-style classes are interspersed with formal office hours throughout the semester. Office hours are designed for one-on-one or small-group consultation with the Pedagogy Fellow in conjunction with course requirements.

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Applied Computation

Subject: Applied Computation

Applied Computation 209A

Data Science 1: Introduction to Data Science (109898)

Pavlos Protopapas

Kevin A. Rader

Christopher Tanner

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Data Science 1 is the first half of a one-year introduction to data science. The course will focus on the analysis of messy, real life data to perform predictions using statistical and machine learning methods. Material covered will integrate the five key facets of an investigation using data: (1) data collection - data wrangling, cleaning, and sampling to get a suitable data set; (2) data management - accessing data quickly and reliably; (3) exploratory data analysis – generating hypotheses and building intuition; (4) prediction or statistical learning; and (5) communication – summarizing results through visualization, stories, and interpretable summaries. Part one of a two part series. The curriculum for this course builds throughout the academic year. Students are strongly encouraged to enroll in both the fall and spring course within the same academic year. Part one of a two part series.

Course Notes: **Only one of CS 109a, AC 209a, or Stat 121a can be taken for credit. Students who have previously taken CS 109, AC 209, or Stat 121 cannot take CS 109a, AC 209a, or Stat 121a for credit.**

Recommended Prep: **Programming knowledge at the level of CS 50 or above, and statistics knowledge at the level of Stat 100 or above (Stat 110 recommended).**

Requirements: **Not to be taken in addition to Computer Science 109, or Computer Science 109A, or Statistics 121, or Statistics 121A.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
Full Year Course	Divisible Course
GSD: MDS/MDE Rec. Elec.	MDE recommended elective
FAS: Course Level	Primarily for Graduate Students
Quantitative Reasoning with Data	Yes
All: Cross Reg Availability	Available for Harvard Cross Registration

Applied Computation 209B

Data Science 2: Advanced Topics in Data Science (203547)

Pavlos Protopapas

Mark Glickman

Christopher Tanner

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Data Science 2 is the second half of a one-year introduction to data science. Building upon the material in Data Science 1, the course introduces advanced methods for data wrangling, data visualization, and statistical modeling and prediction. Topics include big data and database management, interactive visualizations, nonlinear statistical models, and deep learning. Part two of a two part series. The curriculum for this course builds throughout the academic year. Students are strongly encouraged to enroll in both the fall and spring course within the same academic year. Part two of a two part series.

Course Notes: **Can only be taken after successful completion of CS 109a, AC 209a, Stat 121a, or equivalent. Students who have previously taken CS 109, AC 209, or Stat 121 cannot take CS 109b, AC 209b, or Stat 121b for credit.**

Recommended Prep: **CS 109a, AC 209a, or Stat 121a required.**

Requirements: **Requisite: (Must take CS 109A OR APCOMP 209A OR STAT 121A before taking APCOMP 209B) AND (Cannot take APCOMP 209B, if already taken APCOMP 209 OR CS 109 OR CS 109B OR STAT 121 OR STAT 121B)**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
Full Year Course	Divisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
Quantitative Reasoning with Data	Yes

Applied Computation 221

Critical Thinking in Data Science (207093)

James Waldo

Michael Smith

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 75

This course examines the wide-ranging impact data science has on the world and how to think critically about issues of fairness, privacy, ethics, and bias while building algorithms and predictive models that get deployed in the form of products, policy and scientific research. Topics will include algorithmic accountability and discriminatory algorithms, black box algorithms, data privacy and security, ethical frameworks; and experimental and product design. We will work through case studies in a variety of contexts including media, tech and sharing economy platforms; medicine and public health; data science for social good, and politics. We will look at the underlying machine learning algorithms, statistical models, code and data. Threads of history, philosophy, business models and strategy; and regulatory and policy issues will be woven throughout the course.

Course Notes: **This does not count as a technical or disciplinary course for SEAS PhD students, nor for SEAS masters-degree students outside of CSE and Data Science.**

Recommended Prep: **CS 109A, Introduction to Data Science or equivalent by instructor approval.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Computation 227

Computational Methods in the Physical Sciences (128101)

Sauro Succi

2019 Fall (4 Credits) **Schedule:** WF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

In this Course, we shall familiarize with the main computational methods which permit to simulate and analyze the behavior of a wide range of problems involving fluids, solids, soft matter, electromagnetic and quantum systems, as well as the dynamics of (some) biological and social systems. The course consists of three main parts,

Part I : Classical and Quantum Fields on Grids

Part II : Mesoscale Methods

Part III: Statistical Data Analysis and Learning

In Part I, we shall discuss the fundamentals of grid discretization and present concrete applications to a broad variety of problems from classical and quantum physics, such as Advection-Diffusion Reaction transport, Navier-Stokes fluid-dynamics, nonlinear classical and quantum wave propagation. Both regular and complex geometrical grids will be discussed through Finite Differences, Volumes and Elements, respectively.

In Part II we shall discuss mesoscale technique based on the two basic mesoscale descriptions: probability distribution functions, as governed by Boltzmann and Fokker-Planck kinetic equations, and stochastic particle dynamics (Langevin equations). The lattice Boltzmann method will be discussed in great detail, with applications to fluids and soft matter problems.

In addition, we shall provide the opportunity of hands-on on a multi scale codes for X (extreme) simulations at the interface between physics and molecular biology.

Finally, in Part III, we shall present data analysis & learning tools of particular relevance to complex systems with non-gaussian statistics, such as turbulence, fractional transport and extreme events in general. An introduction to Physics-Aware Machine Learning will also be presented.

Recommended Prep: **None, but basic notions of numerical analysis and scientific computing would help.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Applied Computation 275

Computational Design of Materials (128103)

Boris Kozinsky

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will teach theoretical background and practical applications of modern computational methods used to understand and design properties of advanced functional materials. Topics will include classical potentials and quantum first-principles energy models, density functional theory methods, Monte Carlo sampling and molecular dynamics simulations of phase transitions and free energies, fluctuations and transport properties, and machine learning approaches. Examples will be based on rational design of industrially relevant materials for energy conversion and storage, electronic and magnetic devices, and nanotechnology.

Course Notes: **Applied Computation 275 is also offered as Applied Physics 275. Students may not take both for credit.**

Recommended Prep: **Undergraduate coursework in quantum mechanics and solid-state physics, physical chemistry, linear algebra, thermodynamics and statistical mechanics.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
GSD: MDS/MDE Rec. Elec.	MDE recommended elective
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Applied Computation 295

Topics in Applied Computation: Advanced Practical Data Science (215121)

Pavlos Protopapas

2020 Spring (4 Credits) **Schedule:** TR 0430 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

In this course we explore advanced practical data science practices. The course will be divided into three major topics:
1) How to scale a model from a prototype (often in jupyter notebooks) to the cloud. In this module, we cover virtual environments, containers, and virtual machines before learning about microservices and Kupernetes. Along the way, students will be exposed to Dask.
2) How to use existing models for transfer learning. Transfer learning is a machine learning method where a model developed for a task is reused as the starting point for a model on a second task. It is a popular approach in deep learning where pre-trained models are used as the starting point on computer vision and natural language processing tasks. This can be very important, given the vast compute and time resources required to develop neural network models on these problems and given the huge jumps in skill that these models can provide to related problems. In this part of the course we will examine various pre-existing models and techniques in transfer learning.
3) In the third part we will be introducing a number of intuitive visualization tools for investigating properties and diagnosing issues of models. We will be demonstrating a number of visualization tools ranging from the well established (like saliency maps) to recent ones that have appeared in https://distill.pub.

Recommended Prep: **AC209A, AC209B**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students

Applied Computation 297R

Data Science Capstone Research Project Course (156202)

Pavlos Protopapas

Christopher Tanner

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 40

The data science master's capstone project is intended to integrate and apply the skills and ideas data science master's students acquire in their core courses and electives. By requiring students to complete a substantial and challenging collaborative project, the capstone course will prepare students for the professional world and ensure that they are trained to conduct research. There will be no homework or lectures. Students will be dealing with real-world problems, messy data sets, and the chance to work on an end-to-end solution to a problem using computational methods.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Applied Computation 297R

Computational Science and Engineering Capstone Project (156202)

Christopher Tanner

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The CSE capstone project is intended to integrate and apply the skills and ideas CSE students acquire in their core courses and electives. By requiring students to complete a substantial and challenging collaborative project, the capstone course will prepare students for the professional world and ensure that they are trained to conduct research. There will be no homework or lectures. Students will be dealing with real-world problems, messy data sets, and the chance to work on an end-to-end solution to a problem using computational methods.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Computation 298R

Interdisciplinary Seminar in Computational Science & Engineering (109339)

Daniel Weinstock

2019 Fall (4 Credits) **Schedule:** WF 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course, centered on the Institute for Applied Computation Science (IACS) seminar series, will provide broad exposure to cutting-edge topics, applications, and unifying concepts in Computational Science & Engineering. Students will read, present and discuss journal articles related to IACS talks, attend the seminars and meet with visiting speakers. Possible topics to be covered include scientific visualization, computational approaches to disease, mathematical neuroscience, computational archeology, and computational finance.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Applied Computation 299R

Special Topics in Applied Computation (109613)

Pavlos Protopapas

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Supervision of experimental or theoretical research on acceptable applied computation problems and supervision of reading on topics not covered by regular courses of instruction.

Course Notes: **Open to graduate students and AB/SM candidates only. This course is graded and is ordinarily taken with the approval of the Committee on Higher Degrees. Applicants must file a project sheet before study cards are filed. Project sheets may be obtained from the Student Affairs Office, Pierce Hall 110.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Applied Computation 299R

Special Topics in Applied Computation (109613)

Pavlos Protopapas

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Supervision of experimental or theoretical research on acceptable applied computation problems and supervision of reading on topics not covered by regular courses of instruction.

Course Notes: **Open to graduate students and AB/SM candidates only. This course is graded and is ordinarily taken with the approval of the Committee on Higher Degrees. Applicants must file a project sheet before study cards are filed. Project sheets may be obtained from the Student Affairs Office, Pierce Hall 110.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Applied Computation 302

Special Topics in Computational Science and Engineering (156535)

Daniel Weinstock

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Applied Computation 302

Special Topics in Computational Science and Engineering (156535)

Daniel Weinstock

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Applied Computation 399-TIME

Academic Related Work for SEAS Graduate Students (210893)

Daniel Weinstock

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Enrollment in AC 399-TIME is open to any CSE or Data Science Master's student. Interested students should contact Daniel Weinstock at dweinsto@seas.harvard.edu.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Applied Computation 399-TIME

Academic Related Work for SEAS Graduate Students (210893)

Daniel Weinstock

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Enrollment in AC 399-TIME is open to any CSE or Data Science Master's student. Interested students should contact Daniel Weinstock at dweinsto@seas.harvard.edu.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Applied Mathematics

Subject: Applied Mathematics

Applied Mathematics 10

Computing for Science and Engineering (213407)

Efthimios Kaxiras

2020 Spring (2 Credits) **Schedule:** F 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course is a systematic introduction to a computing environment suited for applications in science and engineering. It is designed as a tutorial, which will last through an entire semester, and will involve approximately half of the amount of work of a regular 4-credit course. It consists of three Modules: In the first Module ("Basics"), the basics of using computing to work with variables and functions are introduced, including arrays, basic operations (loops) and file handling and plotting. In the second Module ("Elementary"), elementary applications are presented, including integration using random numbers, function root finding, and function propagation through series (Taylor) expansions. In the third Module ("Advanced") more advanced applications are explored, including numerical differentiation and integration, solution of differential equations, and simple visualization tools.

Course Notes: **The course will also be offered in the Spring semester. First-year students are strongly encouraged to take this course in the Spring semester, unless there are compelling reasons to take it in Fall in which case they need to obtain the approval of the course head (Prof. Kaxiras for Fall 2019).**

Recommended Prep: **AP Calculus BC in high school and/or co-enrollment in Math 1b or higher; students who do not meet these requirements in their first-year are welcome to take the course as sophomores. No programming background is required. CS50 is independent of this course; students who take this course could take CS50 at the same time, before or after this course – there is no preference.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Applied Mathematics 10

Computing for Science and Engineering (213407)

Efthimios Kaxiras

2019 Fall (2 Credits) **Schedule:** F 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course is a systematic introduction to a computing environment suited for applications in science and engineering. It is designed as a tutorial, which will last through an entire semester, and will involve approximately half of the amount of work of a regular 4-credit course. It consists of three Modules: In the

first Module ("Basics"), the basics of using computing to work with variables and functions are introduced, including arrays, basic operations (loops) and file handling and plotting. In the second Module ("Elementary"), elementary applications are presented, including integration using random numbers, function root finding, and function propagation through series (Taylor) expansions. In the third Module ("Advanced") more advanced applications are explored, including numerical differentiation and integration, solution of differential equations, and simple visualization tools.

Course Notes: **The course will also be offered in the Spring semester. First-year students are strongly encouraged to take this course in the Spring semester, unless there are compelling reasons to take it in Fall in which case they need to obtain the approval of the course head (Prof. Kaxiras for Fall 2019).**

Recommended Prep: **AP Calculus BC in high school and/or co-enrollment in Math 1b or higher; students who do not meet these requirements in their first-year are welcome to take the course as sophomores. No programming background is required. CS50 is independent of this course; students who take this course could take CS50 at the same time, before or after this course – there is no preference.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Applied Mathematics 22A

Solving and Optimizing (211334)

Steven Gortler

2019 Fall (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course covers a combination of linear algebra and multivariate calculus with an eye towards solving systems of equations and optimization problems. Students will learn how to prove some key results, and will also implement these ideas with code.Linear algebra: matrices, vector spaces, bases and dimension, inner products, least squares problems, eigenvalues, eigenvectors, singular values, singular vectors. Multivariate calculus: partial differentiation, gradient and Hessian, critical points, Lagrange Multipliers.

Course Notes: **Not to be taken in addition to AM21b or Math21b. Some overlap with AM21a and Math21a. Can be used in conjunction with Stat110 to fulfill the mathematics requirements for computer science.**

Recommended Prep: **Mathematics 1b or an equivalent background in mathematics.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
Quantitative Reasoning with Data	Yes
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Mathematics 22B

Integrating and Approximating (212922)

Sarah Iams

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Multivariable and vector calculus, supplemented with numerical methods. Multivariate calculus: multiple integration, functions of two or three variables, approximating functions. Parameterized curves, line and surface integrals. Vector calculus: gradient, divergence and curl, Green's, divergence theorems. Complex numbers. Select differential equations topics.

Recommended Prep: **Either Math 1b or placement into Math 21a.**

Requirements: **Prerequisite APMTH 22A**

Additional Course Attributes:

Attribute	Value(s)
Quantitative Reasoning with Data	Yes
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Mathematics 50

Introduction to Applied Mathematics (122564)

Doeke Hekstra

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 35

This course provides an introduction to the problems and issues of applied mathematics, focusing on areas where mathematical ideas have had a major impact on diverse fields of human inquiry. The course is organized around two-week topics drawn from a variety of fields, and involves reading classic mathematical papers in each topic. The course also provides an introduction to mathematical modeling and programming.

Course Notes: **Course limited to 35 students. Sections Friday, 3:00pm-4:15pm.**

Recommended Prep: **Mathematics 1b is a prerequisite, although it can be taken concurrently. Some limited concepts from Mathematics 21a / Applied Mathematics 21a will be used, but they can be learned during the course. The course provides an introduction to programming with a mathematical focus, and starts from the level of a complete beginner.**

Additional Course Attributes:

Attribute	Value(s)
Quantitative Reasoning with Data	Yes
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Mathematics 91R

Supervised Reading and Research (121692)

Margo Levine

Sarah Iams

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised reading or research on topics not covered by regular courses. For AM concentrators, work may be supervised by faculty in other departments. For non-concentrators, work must be supervised by an AM faculty member. Students must receive the approval of an (Associate) Director of Undergraduate Studies and obtain their signature before submitting AM91r forms.

Course Notes: **Students cannot take AM 91r and 99r simultaneously with the same supervisors. Normally may not be taken more than twice. May be counted once for concentration credit in Applied Mathematics (as a breadth course). May be taken in either term. When project work from APMTH 91R is used to satisfy the honors modeling requirement, a paper describing the project must be submitted to the concentration for evaluation by the end of the final exam period in the semester in which the 91R is undertaken. For further information, write am-advising@seas.harvard.edu.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Applied Mathematics 91R

Supervised Reading and Research (121692)

Margo Levine

Sarah Iams

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised reading or research on topics not covered by regular courses. For AM concentrators, work may be supervised by faculty in other departments. For non-concentrators, work must be supervised by an AM faculty member. Students must receive the approval of an (Associate) Director of Undergraduate Studies and obtain their signature before submitting AM91r forms.

Course Notes: **Students cannot take AM 91r and 99r simultaneously with the same supervisors. Normally may not be taken more than twice. May be counted once for concentration credit in Applied Mathematics (as a breadth course). May be taken in either term. When project work from APMTH 91R is used to satisfy the honors modeling requirement, a paper describing the project must be submitted to the concentration for evaluation by the end of the final exam period in the semester in which the 91R is undertaken. For further information, write am-advising@seas.harvard.edu.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Applied Mathematics 99R

Thesis Research (115654)

Margo Levine

Sarah Iams

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Provides an opportunity for students to engage in preparatory research and the writing of a senior thesis. Graded on a SAT/UNS basis as recommended by the thesis supervisor. The thesis is evaluated by the supervisor and by one additional reader.

Course Notes: **Students cannot take AM 91r and 99r simultaneously with the same supervisors. Normally may not be taken more than twice. Does not count for concentration credit in Applied Mathematics. May be taken in either term. Students must receive the approval of an (Associate) Director of Undergraduate Studies and obtain their signature before submitting AM99r forms.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Applied Mathematics 99R

Thesis Research (115654)

Margo Levine

Sarah Iams

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Provides an opportunity for students to engage in preparatory research and the writing of a senior thesis. Graded on a SAT/UNS basis as recommended by the thesis supervisor. The thesis is evaluated by the supervisor and by one additional reader.

Course Notes: **Students cannot take AM 91r and 99r simultaneously with the same supervisors. Normally may not be taken more than twice. Does not count for concentration credit in Applied Mathematics. May be taken in either term. Students must receive the approval of an (Associate) Director of Undergraduate Studies and obtain their signature before submitting AM99r forms.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Applied Mathematics 101

Statistical Inference for Scientists and Engineers (132127)

Robert D. Howe

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 55

Introductory statistical methods for students in the applied sciences and engineering. Random variables and probability distributions; the concept of random sampling, including random samples, statistics, and sampling distributions; the Central Limit Theorem and its role in statistical inference; parameter estimation, including point estimation and maximum likelihood methods; confidence intervals; hypothesis testing; simple linear regression; and multiple linear regression. Introduction to more advanced techniques as time permits.

Recommended Prep: **Math 21a or Applied Math 21a or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science
Quantitative Reasoning with Data	Yes

Applied Mathematics 104

Complex Analysis and Series Expansions for Applications to Science, Engineering and Finance (122094)

Efthimios Kaxiras

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduces fundamental concepts for solving real-world problems and emphasizes their applications through motivational examples drawn from science, engineering and finance. Topics: special distribution functions; functions of complex variables, Taylor and Laurent series expansions and their convergence; contour integration; wave (Fourier) and wavelet expansions and transforms, and their uses in signal analysis and in solving partial differential equations, focusing on the evolution equations (the diffusion equation and the wave equation) and their applications.

Recommended Prep: **Applied Mathematics 22a and 22b or Mathematics 21a and 21b.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Mathematics 105

Ordinary and Partial Differential Equations (143432)

Margo Levine

2020 Spring (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Ordinary differential equations: power series solutions; special functions; eigenfunction expansions. Elementary partial differential equations: separation of variables and series solutions; diffusion, wave and Laplace equations. Brief introduction to nonlinear dynamical systems and to numerical methods.

Recommended Prep: **Applied Mathematics 21a and 21b, or Mathematics 21a and 21b.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Applied Mathematics 107

Graph Theory and Combinatorics (118482)

Leslie Valiant

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Topics in combinatorial mathematics that find frequent application in computer science, engineering, and general applied mathematics. Course focuses on graph theory on one hand, and enumeration on the other. Specific topics include graph matching and graph coloring, generating functions and recurrence relations, combinatorial algorithms, and discrete probability. Emphasis on problem solving and proofs.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Mathematics 108

Nonlinear Dynamical Systems (121989)

Sarah Iams

2019 Fall (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

An introduction to nonlinear dynamical phenomena, focused on identifying the long term behavior of systems described by ordinary differential equations. The emphasis is on stability and parameter dependence (bifurcations). Other topics include: chaos; routes to chaos and universality; maps; strange

attractors; fractals. Techniques for analyzing nonlinear systems are introduced with applications to physical, chemical, and biological systems such as forced oscillators, chaotic reactions, and population dynamics.

Course Notes: **Course enrollment limited to 30 students. Formerly Applied Mathematics 147.**

Recommended Prep: **Mathematics 21a and 21b, or Applied Mathematics 21a and 21b.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students

Applied Mathematics 111

Introduction to Scientific Computing (120198)

Cengiz Pehlevan

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Many complex physical problems defy simple analytical solutions or even accurate analytical approximations. Scientific computing can address certain of these problems successfully, providing unique insight. This course introduces some of the widely used techniques in scientific computing through examples chosen from physics, chemistry, and biology. The purpose of the course is to introduce methods that are useful in applications and research and to give the students hands-on experience with these methods.

Course Notes: **Applied Mathematics 111 is also offered as Engineering Sciences 111. Students may not take both for credit. Undergraduate Engineering Students should enroll in Engineering Sciences 111.**

Recommended Prep: **Applied Mathematics 21a and 21b, or Mathematics 21a and 21b, or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Applied Mathematics 115

Mathematical Modeling (118021)

Ariel Amir

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 40

Abstracting the essential components and mechanisms from a natural system to produce a mathematical model, which can be analyzed with a variety of formal mathematical methods, is perhaps the most

important, but least understood, task in applied mathematics. This course approaches a number of problems without the prejudice of trying to apply a particular method of solution. Topics drawn from biology, economics, engineering, physical and social sciences.

Course Notes: **Applied Mathematics 115 is also offered as Engineering Sciences 115. Students may not take both for credit. Undergraduate Engineering Students should enroll in Engineering Sciences 115.**

Class Notes: **Enrollment limited to 40 students for APMTH/ENG-SCI 115.**

Requirements: **Prerequisite: Must take APMTH 105 OR APMTH 108 OR APMTH 104 OR MATH 112 OR STAT 110 before taking APMTH 115.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Applied Mathematics 115

Mathematical Modeling (118021)

L Mahadevan

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Abstracting the essential components and mechanisms from a natural system to produce a mathematical model, which can be analyzed with a variety of formal mathematical methods, is perhaps the most important, but least understood, task in applied mathematics. This course approaches a number of problems without the prejudice of trying to apply a particular method of solution. Topics drawn from biology, economics, engineering, physical and social sciences.

Course Notes: **Applied Mathematics 115 is also offered as Engineering Sciences 115. Students may not take both for credit. Undergraduate Engineering Students should enroll in Engineering Sciences 115.**

Requirements: **Prerequisite: Must take APMTH 105 OR APMTH 108 OR APMTH 104 OR MATH 112 OR STAT 110 before taking APMTH 115.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Applied Mathematics 120

Applied Linear Algebra and Big Data (113876)

Eli Tziperman

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Topics in linear algebra which arise frequently in applications, especially in the analysis of large data sets: linear equations, eigenvalue problems, linear differential equations, principal component analysis, singular value decomposition, data mining methods including frequent pattern analysis, clustering, outlier detection, classification, and machine learning, including neural networks and random forests. Examples will be given from physical sciences, biology, climate, commerce, internet, image processing and more.

Course Notes: **Enrollment in this course is limited to 205 students and will be determined by a lottery if interest exceeds the limit.**

Recommended Prep: **Applied Mathematics 21a,b or equivalent, Computer Science 50 or programming experience.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
Quantitative Reasoning with Data	Yes
FAS: Final Assessment Category	Three-hour Exam

Applied Mathematics 121

Introduction to Optimization: Models and Methods (123662)

Yiling Chen

2019 Fall (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to basic mathematical ideas and computational methods for solving deterministic and stochastic optimization problems. Topics covered: linear programming, integer programming, branch-and-bound, branch-and-cut, Markov chains, Markov decision processes. Emphasis on modeling. Examples from business, society, engineering, sports, e-commerce. Exercises in AMPL, complemented by Maple or Matlab.

Course Notes: **Applied Mathematics 121 is also offered as Engineering Sciences 121. Students may not take both for credit. Undergraduate Engineering Students should enroll in Engineering Sciences 121.**

Recommended Prep: **Applied Mathematics 21b or Mathematics 21b (linear algebra) and some knowledge of probability and statistics at the level of Statistics 110 or Applied Mathematics 101 or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Quantitative Reasoning with Data	Yes
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Mathematics 201

Physical Mathematics I (112798)

Michael P. Brenner

2019 Fall (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to methods for developing accurate approximate solutions for problems in the sciences that cannot be solved exactly, and integration with numerical methods and solutions. Topics include: dimensional analysis, algebraic equations, complex analysis, perturbation theory, matched asymptotic expansions, approximate solution of integrals.

Recommended Prep: **Applied Mathematics 104 and 105, or equivalent; basic programming knowledge at the Computer Science 50 level.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students

Applied Mathematics 203

Introduction to Disordered Systems and Stochastic Processes (156203)

Ariel Amir

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The course will familiarize the students with various applications of probability theory, stochastic modeling and random processes, using examples from various disciplines, including physics, biology and economics.

Recommended Prep: **Applied Math 104 and Applied Math 105, calculus and linear algebra, basic knowledge of probability theory. Knowledge of MATLAB will be helpful.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Mathematics 205

Advanced Scientific Computing: Numerical Methods (110684)

Christopher Rycroft

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An examination of the mathematical foundations of a range of well-established numerical algorithms, exploring their use through practical examples drawn from a range of scientific and engineering disciplines. Emphasizes theory and numerical analysis to elucidate the concepts that underpin each algorithm. There will be a significant programming component. Students will be expected to implement a range of numerical methods through individual and group-based project work to get hands-on experience with modern scientific computing.

Recommended Prep: **Familiarity with linear algebra and calculus; basic programming knowledge at the Computer Science 50 level.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Applied Mathematics 207

Advanced Scientific Computing: Stochastic Methods for Data Analysis, Inference and Optimization (127561)

Weiwei Pan

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Develops skills for computational research with focus on stochastic approaches, emphasizing implementation and examples. Stochastic methods make it feasible to tackle very diverse problems when the solution space is too large to explore systematically, or when microscopic rules are known, but not the macroscopic behavior of a complex system. Methods will be illustrated with examples from a wide variety of fields, like biology, finance, and physics.

Recommended Prep: **CS 50 or working proficiency in a computer programming language (python strongly recommended), as well as STAT 110 or a course in calculus based statistics.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
Quantitative Reasoning with Data	Yes

Applied Mathematics 216

Inverse Problems in Science and Engineering (135919)

Michael P. Brenner

2020 Spring (4 Credits) **Schedule:** F 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Many problems in science and engineering are inverse problems. Any experiment that requires an explanation can be couched thus - given the data, what is the theory/model that provides it - this is an inverse problem. In engineering, a given function (in a product/software ….) requires a design - again an inverse problem. This course will introduce a wide array of features of inverse problems from science and engineering - from oil prospecting and seismology to cognitive science, from particle physics to engineering design. We will then introduce deterministic and probabilistic algorithms for solving these problems. Much of the class will be spent studying how the recent revolution in deep neural networks can (and cannot) be used to solve such inverse problems. The class will have a substantial computational component -- part of every class session will contain instruction and computer implementation of the algorithms in question. Students will carry out final projects in their own area of interest. Programming

will be taught and carried out in Python and Tensorflow.

Recommended Prep: **Linear algebra, Differential equations, Basic probability, some MATLAB experience.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Applied Mathematics 226

Neural Computation (212912)

Cengiz Pehlevan

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course introduces advanced mathematical methods and models used in theoretical neuroscience. We will explore computations and functions performed by the brain, and how they are implemented by neurons and their networks. We will cover selected topics from spiking neuron models; population codes; normative theories of sensory representations; learning with synaptic plasticity; computing with dynamics in recurrent neural networks; attractor network models of memory and spatial maps; neural models of probabilistic inference in the brain and drift-diffusion models of decision making. Concrete examples of applications of these ideas to the brain will be discussed. Topics at the research frontier will be emphasized.

Recommended Prep: **APMTH 21A and APMTH 21B or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students

Applied Mathematics 227

Computational Methods in the Physical Sciences (207546)

Sauro Succi

2019 Fall (4 Credits) **Schedule:** WF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

In this Course, we shall familiarize with the main computational methods which permit to simulate and analyze the behavior of a wide range of problems involving fluids, solids, soft matter, electromagnetic and quantum systems, as well as the dynamics of (some) biological and social systems. The course consists of three main parts,

Part I : Classical and Quantum Fields on Grids

Part II : Mesoscale Methods

Part III: Statistical Data Analysis and Learning

In Part I, we shall discuss the fundamentals of grid discretization and present concrete applications to a broad variety of problems from classical and quantum physics, such as Advection-Diffusion Reaction transport, Navier-Stokes fluid-dynamics, nonlinear classical and quantum wave propagation. Both regular and complex geometrical grids will be discussed through Finite Differences, Volumes and Elements, respectively.

In Part II we shall discuss mesoscale technique based on the two basic mesoscale descriptions: probability distribution functions, as governed by Boltzmann and Fokker-Planck kinetic equations, and stochastic particle dynamics (Langevin equations). The lattice Boltzmann method will be discussed in great detail, with applications to fluids and soft matter problems.

In addition, we shall provide the opportunity of hands-on on a multi scale codes for X (extreme) simulations at the interface between physics and molecular biology.

Finally, in Part III, we shall present data analysis & learning tools of particular relevance to complex systems with non-gaussian statistics, such as turbulence, fractional transport and extreme events in general. An introduction to Physics-Aware Machine Learning will also be presented.

Recommended Prep: **None, but basic notions of numerical analysis and scientific computing would help.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Mathematics 232

Learning, Estimation, and Control of Dynamical Systems (161259)

Na Li

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This graduate level course studies dynamic systems in time domain with inputs and outputs. Students will learn how to design estimator and controller for a system to ensure desirable properties (e.g., stability, performance, robustness) of the dynamical system. In particular, the course will focus on systems that can be modeled by linear ordinary differential equations (ODEs) and that satisfy time-invariance conditions. The course will introduces the fundamental mathematics of linear spaces, linear operator theory, and then proceeds with the analysis of the response of linear time-variant systems. Advanced topics such as robust control, model predictive control, linear quadratic games and distributed control will be presented based on allowable time and interest from the class. The material learned in this course will form a valuable foundation for further work in systems, control, estimation, identification, detection, signal processing, and communications.

Course Notes: **Applied Mathematics 232 is also offered as Engineering Sciences 202. Students may not take both for credit.**

Recommended Prep: **Linear algebra, differential equations, and signals and systems (AM 120, ES 156, or equivalent). Undergraduates need permission.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Mathematics 299R

Special Topics in Applied Mathematics (116840)

Yiling Chen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Supervision of experimental or theoretical research on acceptable applied mathematics problems and supervision of reading on topics not covered by regular courses of instruction.

Course Notes: **Open to graduate students and AB/SM candidates only. Students must arrange such work with a member of the School of Engineering and Applied Sciences. This course is graded and is ordinarily taken with the approval of the Committee on Higher Degrees. Applicants must file a project sheet before study cards are filed. Project sheets may be obtained from the Student Affairs Office, Pierce Hall 110.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students

Applied Mathematics 299R

Special Topics in Applied Mathematics (116840)

Yiling Chen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Supervision of experimental or theoretical research on acceptable applied mathematics problems and supervision of reading on topics not covered by regular courses of instruction.

Course Notes: **Open to graduate students and AB/SM candidates only. Students must arrange such work with a member of the School of Engineering and Applied Sciences. This course is graded and is ordinarily taken with the approval of the Committee on Higher Degrees. Applicants must file a project sheet before study cards are filed. Project sheets may be obtained from the Student Affairs Office, Pierce Hall 110 or at https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Mathematics 316

Stochastic Processes, Dynamical Systems, Applied Differential Geometry (131434)

Roger Brockett

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Applied Mathematics 316

Stochastic Processes, Dynamical Systems, Applied Differential Geometry (131434)

Roger Brockett

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Applied Mathematics 318

Special Topics in Physical Mathematics (116187)

Michael P. Brenner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Mathematics 318

Special Topics in Physical Mathematics (116187)

Michael P. Brenner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Mathematics 320

Topics in Macroscopic Physics and Quantitative Biology (118975)

L Mahadevan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Mathematics 320

Topics in Macroscopic Physics and Quantitative Biology (118975)

L Mahadevan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Mathematics 322

Biological Applications of Mathematics and Automatic Computers (138190)

William Bossert

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Mathematics 322

Biological Applications of Mathematics and Automatic Computers (138190)

William Bossert

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Applied Mathematics 324

Scientific Computation and Mathematical Modeling (159776)

Christopher Rycroft

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Mathematics 324

Scientific Computation and Mathematical Modeling (159776)

Christopher Rycroft

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course

Applied Mathematics 326

Theoretical Neuroscience and Neural Computation (212607)

Cengiz Pehlevan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Applied Mathematics 326

Theoretical Neuroscience and Neural Computation (212607)

Cengiz Pehlevan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Applied Mathematics 332

Theoretical Mechanics in the Earth and Engineering Sciences (116297)

James Rice

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course

Applied Mathematics 332

Theoretical Mechanics in the Earth and Engineering Sciences (116297)

James Rice

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Physics

Subject: Applied Physics

Applied Physics 50A

Physics as a Foundation for Science and Engineering, Part I (108880)

Kelly Miller

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 60

AP 50a is the first half of a one-year, team-based and project-based introduction to physics. This course teaches scientific reasoning and problem-solving skills. You will work in teams on three, month-long projects, each culminating in a project fair. The twice-weekly class periods are all inclusive: there are no separate labs or discussion sections, but you must set attend a 75-minute section on Thursday or Friday to work on your projects with your team in the teaching labs (w. AP50a topics include: kinematics, Newton's Laws, conservation laws, angular dynamics, and simple harmonic motion.Course Note: AP50a is designed specifically for engineering and physics majors and is equivalent in content and rigor to a standard introductory physics course for scientists and engineers such as Physics 15a, but focuses on the application of physics to real-world problems.

Course Notes: **AP50a is designed specifically for engineering and physics majors and is equivalent in content and rigor to a standard introductory physics course for scientists and engineers (Physical Sciences 12a, Physics 15a), but focuses on the application of physics to real-world problems. Lecture meets 9:00am-11:45am. Students must attend one 75-minute section on Thursday afternoon or Friday. Section times will be as follows: Thursday 3-4:15pm, Friday 9-10:15am, 12-1:15pm, 3-4:15pm.**

Recommended Prep: **A solid knowledge of multivariable calculus at the level of Applied Math 21a or Math 21a is required. Mathematics 21a can be taken concurrently.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
Quantitative Reasoning with Data	Yes
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Applied Physics 50B

Physics as a Foundation for Science and Engineering, Part II (108882)

Eric Mazur

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 60

AP 50b is the second half of a one-year, team-based and project-based introduction to physics. This course teaches students to develop scientific reasoning and problem-solving skills. AP50b topics include: electrostatics; electric currents; magnetostatics; electromagnetic induction; Maxwell's Equations;

electromagnetic radiation; geometric optics; and, wave optics. Multivariable and vector calculus is introduced and used extensively in the course. Students work in teams on three, month-long projects, each culminating in a project fair. The twice-weekly class periods are all inclusive: there are no separate labs or discussion sections.

Course Notes: **AP50b is designed specifically for engineering and physics majors and is equivalent in content and rigor to a standard introductory physics course for scientists and engineers (Physical Sciences 12a, Physics 15a), but focuses on the application of physics to real-world problems. Students must attend one 2-hour section on Friday. Section times will be assigned upon enrollment (9-11am, 11-1pm, 1-3pm, 3-5pm).**

Recommended Prep: **A solid knowledge of multivariable calculus at the level of Applied Math 21a or Math 21a is required. Mathematics 21a can be taken concurrently.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Undergraduate Students

Applied Physics 171

Introduction to Quantum Materials and Devices (215415)

Robert Westervelt

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course provides an introduction to quantum materials and devices, including two-dimensional electron layers, single and double quantum dots, 2D materials such as graphene, and Josephson junctions. Their behavior is explained using semiclassical and quantum transport, electron states in reduced dimensions, the Coulomb blockade, and superconductivity. Quantum devices offer new approaches to electronics and photonics.

Recommended Prep: **ES 170 or Physics 143A, and ES 154 or Physics 153. AP 195 / Physics 195 provides a good introduction, but is not required.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Applied Physics 195

Introduction to Solid State Physics (131331)

Julia Mundy

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The physics of crystalline solids and their electric, magnetic, optical, and thermal properties. Designed as a first course in solid-state physics. Topics: free electron model; Drude model; the physics of crystal binding; crystal structure and vibration (phonons); electrons in solids (Bloch theorem) and electronic band structures; metals and insulators; semiconductors (and their applications in pn junctions and transistors); plasmonic excitations and screening; optical transitions; solid-state lasers; magnetism, spin waves, magnetic resonance, and spin-based devices; dielectrics and ferroelectrics; superconductivity, Josephson junctions, and superconducting circuits; electronic transport in low-dimensional systems, quantum Hall effect, and resonant tunneling devices.

Course Notes: **APPHY 195 is also offered as PHYSICS 195. Students may not take both for credit.**

Recommended Prep: **Elementary quantum mechanics.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Applied Physics 202

Mechanics in Earth and Environmental Science (213560)

James Rice

2019 Fall (4 Credits) **Schedule:** WF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to the mechanics of fluids and solids, organized around earth and environmental phenomena. Conservation laws, stress, deformation and flow. Inviscid fluids and ocean gravity waves; Coriolis dominated large scale flows. Viscosity and groundwater seepage; convective cells; boundary layers. Turbulent stream flows; flood surges; sediment transport. Elasticity and seismic waves. Pore fluid interactions with deformation and failure of earth materials, as in poro-mechanics of consolidation, cracking, faulting, and landslides. Ice sheets and glacial flow mechanics.

Course Notes: **APPHY 202 is also offered as E-PSCI 202. Students may not take both for credit.**

Recommended Prep: **Calculus-based introductory physics.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Applied Physics 216

Quantum and Classical Electromagnetic Interaction with Matter (141253)

Donhee Ham

2019 Fall (4 Credits) **Schedule:** WF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

The first half of the course will cover the interaction of quantized atoms with electromagnetic fields, introducing a number of basic concepts such as coherent Rabi transitions vs. rate-equation dynamics, stimulated & spontaneous transitions, and energy & phase relaxations. These will be then used to study a range of applications of atom-field interactions, such as nuclear magnetic resonance, molecular beam and paramagnetic masers, passive and active atomic clocks, dynamic nuclear polarization, pulse sequence techniques to coherently manipulate atomic quantum states, and laser oscillators with applications. We will also touch upon the interaction of quantized atoms with quantized fields, discussing the atom + photon (Jaynes-Cummings) Hamiltonian, dressed states, and cavity quantum electrodynamics. The second half will cover the classical interaction of electromagnetic fields with matter, with special attentions to collective electrodynamics in particular, magnetohydrodynamics and plasma physics with applications in astrophysics, space physics, and Bloch electrons in crystalline solids.

Recommended Prep: **Undergraduate-level electromagnetism and quantum mechanics are recommended.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Applied Physics 218

Electrical, Optical, and Magnetic Properties of Materials (121594)

Xin Li

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course covers the electrical, optical and magnetic properties of technologically important materials systems. It provides a quantitative description of structure-property relations by introducing tensor properties, crystal symmetry, Neumann's principle and Curie principle. A variety of properties of materials are then introduced, including pyroelectricity, dielectricity, piezoelectricity, ferroelectricity; pyromagnetism, magnetoelectricity, piezomagnetism, ferromagnetism; defect chemistry, transport properties and applications in semiconducting, dielectric and energy storage materials; crystal optics including birefringence, Pockels effect, Kerr effect, photoelastic effect and optical activity. Ferroelectric, ferromagnetic and topological phase transitions are also covered as special topics.

Recommended Prep: **Introductory solid-state physics or equivalent course.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Physics 235

Chemistry in Materials Science and Engineering (124723)

Joanna Aizenberg

2020 Spring (4 Credits) **Schedule:** MW 0430 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Select topics in materials chemistry, focusing on chemical bonds, crystal chemistry, organic and polymeric materials, hybrid materials, surfaces and interfaces, self-assembly, electrochemistry, biomaterials, and bio-inspired materials synthesis.

Recommended Prep: **Introductory thermodynamics, chemistry or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
GSD: MDS/MDE Rec. Elec.	MDE recommended elective
FAS: Course Level	Primarily for Graduate Students

Applied Physics 275

Computational Design of Materials (110087)

Boris Kozinsky

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course covers theoretical background and practical applications of modern computational atomistic methods used to understand and design properties of advanced functional materials. Topics include interatomic potentials and quantum first-principles energy models, wave function and density functional theory methods, Monte Carlo sampling and molecular dynamics simulations of phase transitions and free energies, fluctuations and transport properties, and machine learning approaches. Methods are applied to study microscopic and quantum-level effects in materials for energy conversion and storage, molecules, soft materials, electronic devices, and low-dimensional materials.

Course Notes: **Applied Physics 275 is also offered as Applied Computation 275. Students may not take both for credit.**

Recommended Prep: **Undergraduate coursework in quantum mechanics and solid-state physics, physical chemistry, linear algebra, thermodynamics and statistical mechanics.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Applied Physics 278

Computational Physics of Solids and Fields (208932)

Prineha Narang

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This is a completely revamped advanced computational physics course. This course will be split into two

segments: first half will be computational physics of solids and computational quantum chemistry, and the second half will focus on computational physics of fields including light-matter interactions and transport. Our mission is simple: how do we compute properties of quantum materials and their response to light, temperature and external perturbations? We will note that properties of complex systems frequently involve going beyond conventional DFT approaches. In these cases, it is important to go from formalism and approximations to exactly how these are implemented and to recognize where beyond leading-order terms become essential to capture the physics. Whether you are an experimentalist working on low dimensional systems and topological matter or a theorist looking to expand your toolkit, this class is for you!

Topics include GW and Bethe-Salpeter Equation methods, DMFT, linear and nonlinear optical property predictions in low dimensional materials, properties of quantum defects in solids, computing scattering and response of topological materials like Dirac and Weyl semimetals among others. Please see here for week-by-week plan.

Recommended Prep: **Graduate quantum mechanics and introductory theory of solids class.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Physics 282

Solids: Structure and Defects (142998)

Frans Spaepen

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Bonding, crystallography, diffraction, phase diagrams, microstructure, point defects, dislocations, and grain boundaries.

Course Notes: **Intended for students in applied mechanics, materials science, condensed matter physics, chemistry, and earth sciences.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Applied Physics 284

Statistical Mechanics (131392)

David R. Nelson

2019 Fall (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Basic principles of statistical physics and thermodynamics, with applications including: the equilibrium properties of classical and quantum gases; phase diagrams, phase transitions and critical phenomena, as illustrated by the liquid-gas transition and simple magnetic models. Time permitting, introduction to

Langevin dynamics and polymer physics.

Course Notes: **Also offered as Physics 262. Either course can be used to satisfy the statistical mechanics requirement in the Physics PhD program or the Applied Physics model PhD program.**

Recommended Prep: **Physics 143a and Physics 181 or Engineering Sciences 181.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Physics 286

Inference, Information Theory, Learning and Statistical Mechanics (212685)

Sharad Ramanathan

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

We will build introduce modern applications of Statistical Mechanics from information theory, to coding and compression, finding probabilistic answers to poorly posed inverse problems to unsupervised learning. Further we will study supervised learning and machine learning. All of these topics will be taught using examples in the primary literature with an emphasis on the applications of the tools and framework we develop in the course. Applications will be taught through problems in genomics, neuroscience, mechanics, geophysics and engineering.

Recommended Prep: **Comfort with Linear Algebra, Calculus is necessary, undergraduate Statistical Mechanics would be useful but not necessary.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Physics 291

Electron Microscopy Laboratory (116509)

David Bell

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

Lectures and laboratory instruction on transmission electron microscopy (TEM) and Cs corrected, aberration-correction microscopy and microanalysis. Lab classes include; diffraction, dark field imaging, X-ray spectroscopy, electron energy-loss spectroscopy, atomic imaging, materials sample preparation, polymers, and biological samples.

Course Notes: **Primarily for graduate students planning to use TEM for their research.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students

Applied Physics 295A

Introduction to Quantum Theory of Solids (143855)

Subir Sachdev

2019 Fall (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Electrical, optical, thermal, magnetic, and mechanical properties of solids will be treated based on an atomic scale picture and using the independent electron approximation. Metals, semiconductors, and insulators will be covered, with possible special topics such as superconductivity.

Course Notes: **Applied Physics 295a is also offered as Physics 295a. Students may not take both for credit.**

Recommended Prep: **Applied Physics 195 or equivalent, and a graduate level quantum mechanics course similar to Physics 251a. (Physics 251b would be helpful and may be taken concurrently.)**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Applied Physics 295B

Quantum Theory of Solids (146948)

Eugene Demler

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course presents theoretical description of solids focusing on the effects of interactions between electrons. Topics include Fermi liquid theory, dielectric response and RPA approximation, ferro and antiferromagnetism, RKKY interactions and Kondo effect, electron-phonon interactions and superconductivity.

Course Notes: **Applied Physics 295b is also offered as Physics 295b. Students may not take both for credit.**

Recommended Prep: **Physics 251a,b, an introductory course in solid state physics, or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students

Applied Physics 296

Mesoscale and Low Dimensional Devices (204955)

Philip Kim

2020 Spring (4 Credits) **Schedule:** WF 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Concepts of condensed matter physics are applied to the science and technology of beyond-CMOS devices, in particular, mesoscale, low-dimensional, and superconducting devices. Topics include: quantum dots/wires/wells and two-dimensional (2D) materials; optoelectronics with confined electrons; conductance quantization, Landauer-Buttiker formalism, and resonant tunneling; magneto oscillation; integer and fractional quantum Hall effects; Berry phase and topology in condensed matter physics; various Hall effects (anomalous, spin, valley, etc.); Weyl semimetal; topological insulator; spintronic devices and circuits; collective electron behaviors in low dimensions and applications; Cooper-pair boxes and superconducting quantum circuits.

Recommended Prep: **Undergrad level condensed matter physics (AP/P195).**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Applied Physics 299R

Special Topics in Applied Physics (131373)

Amir Yacoby

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Supervision of experimental or theoretical research on acceptable applied physics problems and supervision of reading on topics not covered by regular courses of instruction.

Course Notes: **Open to graduate students and AB/SM candidates only. Students must arrange such work with a member of the School of Engineering and Applied Sciences. This course is graded and is ordinarily taken with the approval of the Committee on Higher Degrees. Applicants must file a project sheet before study cards are filed. Project sheets may be obtained from the Student Affairs Office, Pierce Hall 110 or at https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Physics 299R

Special Topics in Applied Physics (131373)

Federico Capasso

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Supervision of experimental or theoretical research on acceptable applied physics problems and supervision of reading on topics not covered by regular courses of instruction.

Course Notes: **Open to graduate students and AB/SM candidates only. Students must arrange such work with a member of the School of Engineering and Applied Sciences. This course is graded and is ordinarily taken with the approval of the Committee on Higher Degrees. Applicants must file a project sheet before study cards are filed. Project sheets may be obtained from the Student Affairs Office, Pierce Hall 110.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Applied Physics 302

Applied Condensed Matter Physics (121977)

Donhee Ham

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Not Available for Cross Registration

Applied Physics 302

Applied Condensed Matter Physics (121977)

Donhee Ham

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Physics 304

Materials Science of Biological Inorganic Nanostructures (123949)

Joanna Aizenberg

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Physics 304

Materials Science of Biological Inorganic Nanostructures (123949)

Joanna Aizenberg

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Applied Physics 320

Multicolor and Time-resolved Electron Microscopy (215832)

Maxim Prigozhin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Applied Physics 322

Materials Physics and Engineering (125476)

David Clarke

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Not Available for Cross Registration

Applied Physics 322

Materials Physics and Engineering (125476)

David Clarke

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Not Available for Cross Registration

Applied Physics 326

Optics with Cold Atoms, Nano-structures, and Bio-molecules (116852)

Lene Hau

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Physics 326

Optics with Cold Atoms, Nano-structures, and Bio-molecules (116852)

Lene Hau

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Applied Physics 330

Heterogeneous Nanophotonic Devices and Bio-templated Electronic Materials (125472)

Evelyn Hu

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Applied Physics 330

Heterogeneous Nanophotonic Devices and Bio-templated Electronic Materials (125472)

Evelyn Hu

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course

Applied Physics 332

Experimental Condensed Matter Physics (131285)

Robert Westervelt

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Not Available for Cross Registration

Applied Physics 332

Experimental Condensed Matter Physics (131285)

Robert Westervelt

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Physics 336

Theoretical Study of the Structure and Electronic Properties of Nanoscale Materials and Biological M (148255)

Efthimios Kaxiras

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Physics 336

Theoretical Study of the Structure and Electronic Properties of Nanoscale Materials and Biological M (148255)

Efthimios Kaxiras

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Not Available for Cross Registration

Applied Physics 338

Growth and Properties of Nanostructures and Nanostructure Assemblies; Development and Application of (146784)

Charles Lieber

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Applied Physics 338

Growth and Properties of Nanostructures and Nanostructure Assemblies; Development and Application of (146784)

Charles Lieber

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Physics 340

Topics in Electromagnetic Theory (131560)

Tai Wu

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Applied Physics 340

Topics in Electromagnetic Theory (131560)

Tai Wu

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course

Applied Physics 342

Nano-Lasers and Single-Photon Sources (122881)

Marko Loncar

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Physics 342

Nano-Lasers and Single-Photon Sources (122881)

Marko Loncar

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Physics 346

Interdisciplinary Dissertation Research (109412)

David Keith

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Not Available for Cross Registration

Applied Physics 346

Interdisciplinary Dissertation Research (109412)

David Keith

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Applied Physics 348

Mechanics in Earth and Environmental Science (113128)

James Rice

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Applied Physics 348

Mechanics in Earth and Environmental Science (113128)

James Rice

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Physics 350

Experimental Physics in Low Dimensional Materials (156736)

Philip Kim

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course

Applied Physics 350

Experimental Physics in Low Dimensional Materials (156736)

Philip Kim

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Physics 354

Physics of Bacterial Growth (156741)

Ariel Amir

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Physics 354

Physics of Bacterial Growth (156741)

Ariel Amir

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Physics 356

Special Topics in Theoretical Engineering (116189)

Michael P. Brenner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Physics 356

Special Topics in Theoretical Engineering (116189)

Michael P. Brenner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course

Applied Physics 360

Nonlinear Laser Physics and Materials Engineering (133140)

Eric Mazur

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Applied Physics 360

Nonlinear Laser Physics and Materials Engineering (133140)

Eric Mazur

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Physics 362

Photonics, Quantum Devices and Nanostructures (117862)

Federico Capasso

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Applied Physics 362

Photonics, Quantum Devices and Nanostructures (117862)

Federico Capasso

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Applied Physics 364

Experimental Soft Condensed Matter Physics (112454)

David Weitz

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Not Available for Cross Registration

Applied Physics 364

Experimental Soft Condensed Matter Physics (112454)

David Weitz

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Applied Physics 366

Experimental Condensed Matter: Ballistic Transport in Semiconductors, Nanostructures, and Tunneling (113769)

Venkatesh Narayanamurti

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course

Applied Physics 366

Experimental Condensed Matter: Ballistic Transport in Semiconductors, Nanostructures, and Tunneling (113769)

Venkatesh Narayanamurti

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Not Available for Cross Registration

Applied Physics 368

Topics on Condensed Matter Physics (113715)

David R. Nelson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Physics 368

Topics on Condensed Matter Physics (113715)

David R. Nelson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Applied Physics 372

Biological Physics and Quantitative Biology (125419)

Daniel Needleman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Not Available for Cross Registration

Applied Physics 372

Biological Physics and Quantitative Biology (125419)

Daniel Needleman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Applied Physics 374

Signaling Processing and Systems Biology (126172)

Sharad Ramanathan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Physics 374

Signaling Processing and Systems Biology (126172)

Sharad Ramanathan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Physics 376

Nonlinear Dynamics of Soft Interfaces (110265)

Shmuel Rubinstein

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Not Available for Cross Registration

Applied Physics 376

Nonlinear Dynamics of Soft Interfaces (110265)

Shmuel Rubinstein

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course

Applied Physics 384

Topics in Atmospheric and Climate Dynamics (121287)

Zhiming Kuang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Applied Physics 384

Topics in Atmospheric and Climate Dynamics (121287)

Zhiming Kuang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Physics 388

Climate Dynamics and Physical Oceanography (118649)

Eli Tziperman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course

Applied Physics 388

Climate Dynamics and Physical Oceanography (118649)

Eli Tziperman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Physics 392

Experimental Soft Condensed Matter and Materials Physics (120887)

Vinothan Manoharan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Applied Physics 392

Experimental Soft Condensed Matter and Materials Physics (120887)

Vinothan Manoharan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Physics 394

Experimental Studies of Interfaces and Surfaces (116593)

Cynthia Friend

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Physics 394

Experimental Studies of Interfaces and Surfaces (116593)

Cynthia Friend

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Applied Physics 396

Topics in Materials Science (142229)

Michael Aziz

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Physics 396

Topics in Materials Science (142229)

Michael Aziz

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science

Applied Physics 398

Materials Science (148042)

Frans Spaepen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course

Applied Physics 398

Materials Science (148042)

Frans Spaepen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science

Architecture, Landscape Arch, and Urban Planning

Subject: Design

Design 300 Section: 0005

Reading and Research in Architecture, Landscape Architecture, or Urban Planning (117756)

Giuliana Bruno

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Design 300 Section: 0005

Reading and Research in Architecture, Landscape Architecture, or Urban Planning (117756)

Giuliana Bruno

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS Course Roll	FAS Course Roll

Design 300 Section: 0007

Reading and Research in Architecture, Landscape Architecture, or Urban Planning (117756)

Jerold Kayden

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Design 300 Section: 0007

Reading and Research in Architecture, Landscape Architecture, or Urban Planning (117756)

Jerold Kayden

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Design 300

Reading and Research in Architecture, Landscape Architecture, or Urban Planning (117756)

Antoine Picon

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Design 300

Reading and Research in Architecture, Landscape Architecture, or Urban Planning (117756)

Antoine Picon

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Design 300 Section: 002

Reading and Research in Architecture, Landscape Architecture, or Urban Planning (117756)

K. Hays

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Design 300 Section: 002

Reading and Research in Architecture, Landscape Architecture, or Urban Planning (117756)

K. Hays

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Design 300 Section: 003

Reading and Research in Architecture, Landscape Architecture, or Urban Planning (117756)

Erika Naginski

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Design 300 Section: 003

Reading and Research in Architecture, Landscape Architecture, or Urban Planning (117756)

Erika Naginski

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Design 300 Section: 004

Reading and Research in Architecture, Landscape Architecture, or Urban Planning (117756)

Eve Blau

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Design 300 Section: 004

Reading and Research in Architecture, Landscape Architecture, or Urban Planning (117756)

Eve Blau

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Design 300 Section: 006

Reading and Research in Architecture, Landscape Architecture, or Urban Planning (117756)

Peter Galison

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Design 300 Section: 006

Reading and Research in Architecture, Landscape Architecture, or Urban Planning (117756)

Peter Galison

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Design 300 Section: 008

Reading and Research in Architecture, Landscape Architecture, or Urban Planning (117756)

Alina Payne

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Design 300 Section: 008

Reading and Research in Architecture, Landscape Architecture, or Urban Planning (117756)

Alina Payne

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Design 300 Section: 009

Reading and Research in Architecture, Landscape Architecture, or Urban Planning (117756)

Christine Smith

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Design 300 Section: 009

Reading and Research in Architecture, Landscape Architecture, or Urban Planning (117756)

Christine Smith

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Design 300 Section: 011

Reading and Research in Architecture, Landscape Architecture, or Urban Planning (117756)

Joyce Chaplin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Design 300 Section: 011

Reading and Research in Architecture, Landscape Architecture, or Urban Planning (117756)

Joyce Chaplin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Design 300 Section: 012

Reading and Research in Architecture, Landscape Architecture, or Urban Planning (117756)

Edward Eigen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Design 300 Section: 012

Reading and Research in Architecture, Landscape Architecture, or Urban Planning (117756)

Edward Eigen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Design 300 Section: 013

Reading and Research in Architecture, Landscape Architecture, or Urban Planning (117756)

Sheila Jasanoff

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Design 300 Section: 013

Reading and Research in Architecture, Landscape Architecture, or Urban Planning (117756)

Sheila Jasanoff

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Design 300 Section: 014

Reading and Research in Architecture, Landscape Architecture, or Urban Planning (117756)

Ali Malkawi

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Design 300 Section: 014

Reading and Research in Architecture, Landscape Architecture, or Urban Planning (117756)

Ali Malkawi

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Design 300 Section: 015

Reading and Research in Architecture, Landscape Architecture, or Urban Planning (117756)

Diane Davis

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Design 300 Section: 015

Reading and Research in Architecture, Landscape Architecture, or Urban Planning (117756)

Diane Davis

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Design 300 Section: 016

Reading and Research in Architecture, Landscape Architecture, or Urban Planning (117756)

Neil Brenner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Design 300 Section: 016

Reading and Research in Architecture, Landscape Architecture, or Urban Planning (117756)

Neil Brenner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Design 302

Teaching (208326)

2020 Spring (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Provides teaching credit for students affiliated with Architecture, Urban Planning and Landscape.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Design 302

Teaching (208326)

2019 Fall (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Provides teaching credit for students affiliated with Architecture, Urban Planning and Landscape.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Design 303

Research Faculty Related (208327)

2019 Fall (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

For students affiliated with Architecture, Landscape, and Urban Planning. May be used for faculty-related research, such as working in a lab or as a research associate.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Design 303

Research Faculty Related (208327)

2020 Spring (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

For students affiliated with Architecture, Landscape, and Urban Planning. May be used for faculty-related research, such as working in a lab or as a research associate.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Design 304

Direction of Doctoral Dissertations in Architecture (111709)

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Indicates time spent researching, reading, or writing in relation to doctoral studies.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Design 304

Direction of Doctoral Dissertations in Architecture (111709)

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Indicates time spent researching, reading, or writing in relation to doctoral studies.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Design 307

Direction of Doctoral Dissertations in Landscape Architecture (120264)

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Indicates time spent researching, reading, or writing in relation to doctoral studies.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Design 307

Direction of Doctoral Dissertations in Landscape Architecture (120264)

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Indicates time spent researching, reading, or writing in relation to doctoral studies.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Design 310

Direction of Doctoral Dissertations in Urban Planning (115401)

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Indicates time spent researching, reading, or writing in relation to doctoral studies.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Design 310

Direction of Doctoral Dissertations in Urban Planning (115401)

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Indicates time spent researching, reading, or writing in relation to doctoral studies.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Art, Film, and Visual Studies

Subject: Art, Film, and Visual Studies

Art, Film, and Visual Studies 12 Section: 1

Drawing 1: Drawing as a Visual Language (203312)

Katarina Burin

2020 Spring (4 Credits) **Schedule:** TR 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

A studio course to build the skills of drawing incrementally and expand students' visual vocabulary. Drawings will be made from life, photographs and invention. Emphasis will be placed on enhancing our observational sensibilities through life drawing and the figure, focusing on all aspects of technical development, particularly the importance of line. The aim of this course is to expand drawing skills with intention and purpose.

Course Notes: **This class is for beginners or anyone furthering their skill level.**

Interested students must attend first meeting of class during shopping week to speak with teaching staff about course enrollment procedure.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Art, Film, and Visual Studies 15AR

Silkscreen (121758)

Annette Lemieux

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

For the student who is interested in the manipulation of found and original imagery. Students will create monotypes on paper and other surfaces utilizing the silkscreen process. Through slide presentations, the class will be introduced to the work of artists such as Rauschenberg and Warhol, as well as others who use the silkscreen process.

Course Notes: **No previous studio experience necessary.**

Interested students must attend first meeting of class during shopping week to speak with teaching staff about course enrollment procedure.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Art, Film, and Visual Studies 20 Section: 1

Contemporary Painting Practice: Beyond the Surface (110055)

Annette Lemieux

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Through image presentations and readings, students will be introduced to the art movements from the 1960s to the present - POP, OP, Capitalist Realism, Neo Expressionism, New Image Painting, Figuration Libre, Junge Wilde, Transavantegarde, Neo Geo, Neo Pop, etc. Students will create paintings for critique that reflect these artists' beliefs and concerns.

Course Notes: **Interested students must attend first meeting of class during shopping week to speak with teaching staff about course enrollment procedure.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Art, Film, and Visual Studies 22

One Thing Leads to Another: Introduction to Oil Painting (205073)

Judith Belzer

2019 Fall (4 Credits) **Schedule:** W 1200 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This studio class will introduce students to the use of oil paints as a tool for image making, with an emphasis on process over product. Assignments will morph and evolve, one building on another, while drawing on a variety of source materials. Expanded visual acuity and an openness to experimentation will be developed as students explore the nature of oil paint and how it can be used to transform experience into art.

Course Notes: **This course will have a break for lunch.**

Interested students must attend the first meeting of the class to speak with teaching staff about class enrollment procedure.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Art, Film, and Visual Studies 40A

Introduction to Still Photography (111189)

Elle Perez

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 10

Introduction to still photography through individual and group exercises, with an emphasis on the medium as a vehicle for expression, documentation, and personal vision. Covers necessary technical, historical, and aesthetic aspects of the medium.

Course Notes: **No previous studio experience necessary.**
Interested students must attend first meeting of class during shopping week to speak with teaching staff about course enrollment procedure.

Class Notes: **No previous studio experience necessary.**
Interested students must attend first meeting of class during shopping week to fill out an application to lottery into the class. Limited enrollment of 10 students.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Art, Film, and Visual Studies 40A

Introduction to Still Photography (111189)

Elle Perez

2019 Fall (4 Credits) **Schedule:** MW 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 10

Introduction to still photography through individual and group exercises, with an emphasis on the medium as a vehicle for expression, documentation, and personal vision. Covers necessary technical, historical, and aesthetic aspects of the medium.

Course Notes: **No previous studio experience necessary.**
Interested students must attend first meeting of class during shopping week to speak with teaching staff about course enrollment procedure.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Art, Film, and Visual Studies 40A Section: 002

Introduction to Still Photography (111189)

Elle Perez

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

Introduction to still photography through individual and group exercises, with an emphasis on the medium as a vehicle for expression, documentation, and personal vision. Covers necessary technical, historical, and aesthetic aspects of the medium.

Course Notes: **No previous studio experience necessary.**
Interested students must attend first meeting of class during shopping week to speak with teaching staff about course enrollment procedure.

Class Notes: **The afternoon offering of this class will meet from 1:30 to 4:15.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Art, Film, and Visual Studies 41A Section: 1

Introduction to Still Photography (122184)

Sharon Harper

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

Introduction to still photography with an emphasis on the medium as a vehicle for expression and personal vision. Covers technical, historical, and aesthetic aspects of the medium. Class is organized around slide lectures, individual meetings, group critiques, and readings.

Course Notes: **No previous studio experience necessary.**
Interested students must attend first meeting of class during shopping week to fill out an application to lottery into the class. Limited enrollment of 10 students.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students

Art, Film, and Visual Studies 41A Section: 1

Introduction to Still Photography (122184)

Sharon Harper

2019 Fall (4 Credits) **Schedule:** MW 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 10

Introduction to still photography with an emphasis on the medium as a vehicle for expression and personal vision. Covers technical, historical, and aesthetic aspects of the medium. Class is organized around slide lectures, individual meetings, group critiques, and readings.

Course Notes: **No previous studio experience necessary.**

Interested students must attend first meeting of class during shopping week to speak with teaching staff about course enrollment procedure.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students

Art, Film, and Visual Studies 42A Section: 1

Introduction to Still Photography: Studio Course (123389)

Jiehao Su

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

Intro to still photography through individual and group exercises, with emphasis on developing a personal vision and project through photography. During the course we will read materials that will deepen your understanding of making images and help to strengthen your understanding of contemporary art practice. There will be emphasis on photography as a vehicle for communicating what feels vulnerable, what is unseen, and what matters most. This course will cover necessary technical, historical, and aesthetic aspects of the medium.

Course Notes: **No previous studio experience necessary.**

Interested students must attend first meeting of class during shopping week to speak with teaching staff about course enrollment procedure.

Class Notes: **NOTE: This course will meet from 10:30-1:15 with the exception of the first meeting on Monday, January 27 when the class will begin at 9am. No previous studio experience necessary.**
Interested students must attend first meeting of class during shopping week to fill out an application to lottery into the class. Limited enrollment of 10 students.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Art, Film, and Visual Studies 50A

Introduction to Non Fiction Filmmaking (114351)

Alfred Guzzetti

2019 Fall (4 Credits) **Schedule:** W 0130 PM - 0545 PM
M 0130 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

Introductory exercises in live-action 16mm filmmaking culminating in the production of a nonfiction film as

a group project in the spring term. Part one of a two-part series.Students are required to take both parts of the course within the same academic year.

Course Notes: **Interested students must attend first meeting of class during shopping week to speak with teaching staff about course enrollment procedure.**

Class Notes: **This course meets from 1:30 to 4:15 on Mondays and 1:30 to 5:45 on Wednesdays.**

SPECIAL FIRST MEETING NOTE: The first meeting of this course will be Wednesday, Sept. 4 from 1:30 to 2:30 in Sever B10.

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Indivisible Course
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Art, Film, and Visual Studies 50B

Introduction to Non Fiction Filmmaking (159860)

Alfred Guzzetti

2020 Spring (4 Credits) **Schedule:** W 0130 PM - 0545 PM
M 0130 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

Introductory exercises in live-action 16mm filmmaking culminating in the production of a nonfiction film as a group project in the spring term. Part two of a two-part series.Students are required to take both parts of the course within the same academic year.

Class Notes: **This course meets from 1:30-4:15 on Mondays and 1:30-5:45 on Wednesdays.**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Indivisible Course
Course Search Attributes	Display Only in Course Search
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration

Art, Film, and Visual Studies 51A Section: 1

Introduction to Video (121542)

Robb Moss

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0415 PM
T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

A series of nonfiction projects, both individual and collaborative, designed to introduce and explore the range of expressive possibilities in digital video.

Course Notes: **Interested students must attend first meeting of class to learn class admission procedure.**

Class Notes: **This course meets from 12:00 to 2:45 on Tuesdays and from 12:00 to 4: 15 on Thursdays.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Art, Film, and Visual Studies 51A Section: 1

Introduction to Video (121542)

Ross McElwee

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 10

A series of nonfiction projects, both individual and collaborative, designed to introduce and explore the range of expressive possibilities in digital video.

Course Notes: **Interested students must attend first meeting of class to learn class admission procedure.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students

Art, Film, and Visual Studies 53AR

Fundamentals of Animation (110676)

Andrew London

2019 Fall (4 Credits) **Schedule:** T 0900 AM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

An introduction to the possibilities of animation. Using a mixture of traditional and 2D digital tools, students will complete practical exercises which will familiarize them with basic skills and techniques. Screenings and discussions will help develop the specialized thinking needed to understand the discipline.

Course Notes: **Drawing skills are optional, though helpful.**

Interested students must attend first meeting of class during shopping week to speak with teaching staff about course enrollment procedure.

Class Notes: **This course meets from 9am to 12:45. There are mandatory weekly screenings on Mondays from 4:30PM to 5:45 in Carpenter Center B04.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Art, Film, and Visual Studies 53AR

Fundamentals of Animation (110676)

Andrew London

2020 Spring (4 Credits) **Schedule:** T 0900 AM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

An introduction to the possibilities of animation. Using a mixture of traditional and 2D digital tools, students will complete practical exercises which will familiarize them with basic skills and techniques. Screenings and discussions will help develop the specialized thinking needed to understand the discipline.

Course Notes: **Drawing skills are optional, though helpful.**

Interested students must attend first meeting of class during shopping week to speak with teaching staff about course enrollment procedure.

Class Notes: **This course meets from 9am to 12:45. There are mandatory weekly screenings on Mondays from 4:30PM to 5:45 in Carpenter Center B04.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Art, Film, and Visual Studies 60X

Approaching Narrative: Introduction to Filmmaking (127469)

Anocha Suwichakornpong

2019 Fall (4 Credits) **Schedule:** WF 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

In this production course, students will learn the basic principles of narrative filmmaking. Different tools and filmmaking techniques, including lighting and cinematography, sound recording, and editing will be introduced to students by lecturer and invited film professionals. Classes will also consist of screenings, discussion, and critiques of student work.

By the end of the course, students will be equipped with the necessary tools to produce a short film with sync sound.

Course Notes: **No prior filmmaking experience necessary. Interested students must attend first meeting of class during shopping week to speak with**

teaching staff about course enrollment procedure.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Art, Film, and Visual Studies 63 Section: 1

On Objects: A Studio Course in Sculpture and Performance (205410)

Karthik Pandian

2019 Fall (4 Credits) **Schedule:** M 0130 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

This introductory course will investigate the contemporary status of the object through studio projects in sculpture, video and performance. Students will make things, make moving images that represent these things and make language and movement around these things in an exploration of medium, materiality and artistic persona. Work by artists such as Hollis Frampton, David Hammons, Hito Steyerl, Richard Tuttle, Lee Lozano and Mark Leckey will help introduce and guide our projects.

Course Notes: **Interested students must attend first meeting of class during shopping week to talk with teaching staff about enrollment procedure.**

First year students and students who have not taken any AFVS courses are encouraged to apply.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Art, Film, and Visual Studies 64F

Frame, Spectacle, Spectator: Video as Medium (213583)

Carissa Rodriguez

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

In this intro-level production course, students will be introduced to video as a time-based art form viewed within the framework of the art institution. This course will explore different modes of spectatorship (from theater, to installation, to mobile screens) and examine the spatiotemporal features of each. We will study a range of methods in which artists work critically with moving images in relation to mass media. Through screenings and readings by contemporary artists, filmmakers and theorists, students will develop a moving image vocabulary as well as narrative techniques to be applied to individual video projects.

Course Notes: **Experience with editing tools helpful but not required.**

Interested students must attend first meeting of course during shopping week to learn admission procedure.

Class Notes: **This course meets from 1:30 to 5:45.**

SPECIAL FIRST MEETING LOCATION: The first meeting of this course on Monday, Sept. 9 will be in Carpenter Cener B04 at 1:30.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Art, Film, and Visual Studies 64F

Frame, Spectacle, Spectator: Video as Medium (213583)

Carissa Rodriguez

2020 Spring (4 Credits) **Schedule:** M 0130 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

In this intro-level production course, students will be introduced to video as a time-based art form viewed within the framework of the art institution. This course will explore different modes of spectatorship (from theater, to installation, to mobile screens) and examine the spatiotemporal features of each. We will study a range of methods in which artists work critically with moving images in relation to mass media. Through screenings and readings by contemporary artists, filmmakers and theorists, students will develop a moving image vocabulary as well as narrative techniques to be applied to individual video projects.

Course Notes: **Experience with editing tools helpful but not required.**

Interested students must attend first meeting of course during shopping week to learn admission procedure.

Class Notes: **The first meeting of this class on Monday, January 27 will be held in Carpenter Center 402 at 1:30pm.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Art, Film, and Visual Studies 70

The Art of Film (115688)

Katherine Rennebohm

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An introductory course that focuses on the language of film and moving image media. It will provide the students with the analytical tools to respond both critically and creatively to moving image media, with an emphasis on close formal analysis. In the interest of exploring the vast possibilities of the moving image, we will watch a broad selection of narrative and non-narrative works from around the globe alongside canonical feature films.

Course Notes: **This course is required for all students concentrating in or pursuing a secondary field in film and visual studies.**
This course has mandatory weekly film screenings on Tuesday evenings from 7:15 pm to 10pm.

Class Notes: **The first meeting of this class on Tuesday, January 28 will be held in the Carpenter Center Lecture Hall which is on the lower level of the Carpenter Center.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
FAS: Final Assessment Category	Three-hour Exam

Art, Film, and Visual Studies 73 Section: 1

Exploring Culture Through Film (117631)

Veronika Kusumaryati

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will provide an introduction to the history and theory of documentary and ethnographic film with a focus on the politics of representation and the challenges made to the canonical mainstream. We will discuss the changing paradigms of "ethnographic" film, situating these debates within their historical film contexts and explore how new digital media technologies effect the politics of representation. A variety of cinematic styles from essay films and new media to observational cinema will be screened and discussed.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Art, Film, and Visual Studies 80 Section: 1

Loitering: Studio Course (123380)

Stephen Prina

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0245 PM
R 1200 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

You will hang out in the vicinity of culture and make things in response to it. This class is not thematic or linked to any particular discipline.

Course Notes: **Interested students must attend first meeting of class during shopping week to speak with teaching staff about course enrollment procedure.**

No previous studio experience necessary.

Class Notes: **NOTE: This course meets from 12:00 to 2:45 on Tuesdays and 1:00 to 4:00 on Thursdays.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Art, Film, and Visual Studies 81R Section: 1

Malleable Forms (A Studio of The Political) (213508)

Xaviera Simmons

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

With a focus on the American political landscape and its tentacles rooted locally and globally, this studio course prompts the construction of a wide range of works influenced by our historical and contemporary political landscape. Students will work rigorously to produce works across disciplines (sound, photography, painting, sculpture, video and performance) constructing individually and collaboratively. Students should have an ability to articulate their objectives often. This studio course will include group and individual critiques, lectures, performances and invited guests.

Course Notes: **Interested students must attend the first meeting of the class to speak with teaching staff about enrollment procedure.**

Class Notes: **This course meets from 12pm to 5pm with a break for lunch.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Art, Film, and Visual Studies 81R Section: 1

Malleable Forms (A Studio of The Political) (213508)

Xaviera Simmons

2019 Fall (4 Credits) **Schedule:** W 1200 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

With a focus on the American political landscape and its tentacles rooted locally and globally, this studio course prompts the construction of a wide range of works influenced by our historical and contemporary political landscape. Students will work rigorously to produce works across disciplines (sound, photography, painting, sculpture, video and performance) constructing individually and collaboratively. Students should have an ability to articulate their objectives often. This studio course will include group and individual critiques, lectures, performances and invited guests.

Course Notes: **Interested students must attend the first meeting of the class to speak**

with teaching staff about enrollment procedure.

Class Notes: **This class meets from 12:00 to 5pm with a break for lunch.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students

Art, Film, and Visual Studies 83 Section: 1

The Devil, Probably x 8 + 1: A Studio-based Seminar (108844)

Stephen Prina

2020 Spring (4 Credits) **Schedule:** R 1200 PM - 0415 PM
T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Part 1 is a weekly studio session during which participants will create 3 projects in any medium or discipline during the term. Part 2 is a screening of the film "The Devil, Probably," 1977 by Robert Bresson for 10 consecutive weeks, interrupted by the 3 project class presentations. Different readings will accompany each screening. The final screening--+1--is "The Third Generation," 1979 by Rainer Werner Fassbinder.

Course Notes: **The studio projects do not need to pertain to the Bresson/Fassbinder screenings.**
Interested students must attend first meeting of class during shopping week to speak with teaching staff about course enrollment procedure.

Class Notes: **This course meets from 1pm to 4pm on Thursdays, though it may end earlier on some Thursdays.**

Recommended Prep: **There are no prerequisites for the class. First year participants are encouraged to apply.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Art, Film, and Visual Studies 91R

Special Projects (117193)

Matt Saunders

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Open to a limited number of students who wish to carry out a special project under supervision. Students wishing to enroll in AFVS 91r must find a member of the faculty to advise the project and submit an

application to the Director of Undergraduate Studies.

Course Notes: **Letter-graded only. Special Project tutorials are led by individual faculty members; however the Director of Undergraduate Studies approves AFVS 91R in the student's Crimson Cart.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Art, Film, and Visual Studies 91R

Special Projects (117193)

Matt Saunders

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Open to a limited number of students who wish to carry out a special project under supervision. Students wishing to enroll in AFVS 91r must find a member of the faculty to advise the project and submit an application to the Director of Undergraduate Studies.

Course Notes: **Letter-graded only. Special Project tutorials are led by individual faculty members; however the Director of Undergraduate Studies approves AFVS 91R in the student's Crimson Cart.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Art, Film, and Visual Studies 97

Tutorial - Sophomore Year (113968)

Katarina Burin

Joana Pimenta

2020 Spring (4 Credits) **Schedule:** R 0600 PM - 0800 PM

Instructor Permissions: Instructor **Enrollment Cap:** 25

A tutorial course on the foundations and subjects of Art, Film and Visual Studies, encompassing Film, Video and Animation; Studio Art and Photography; Film Studies; Environmental Studies; Design; and Curatorial Studies, including the work of both the Harvard Film Archive and the Carpenter Center for the Visual Arts. Supported by readings, projects and screenings, the tutorial is taught by a rotation of the regular and visiting faculty.

Course Notes: **Required of all AFVS concentrators during their first full term in the concentration, ordinarily sophomore spring.**

Class Notes: **There will be additional sections scheduled for this course.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students

Art, Film, and Visual Studies 98R

Tutorial - Junior Year (110715)

Matt Saunders

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This research-based writing workshop is required for all AFVS undergraduate concentrators in the film and visual studies track.

For concentrators in the film/video or studio art tracks, this tutorial offers individual instruction in subjects of special interest that cannot be studied in regular courses. Concentrators wishing to take a tutorial in their junior year must find a member of the faculty to advise the project and submit an application to the Director of Undergraduate Studies.

Course Notes: **Letter-graded only. The Director of Undergraduate Studies approves AFVS 98 in the student's Crimson Cart.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Art, Film, and Visual Studies 98R

Tutorial - Junior Year (110715)

Matt Saunders

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This research-based writing workshop is required for all AFVS undergraduate concentrators in the film and visual studies track.

For concentrators in the film/video or studio art tracks, this tutorial offers individual instruction in subjects of special interest that cannot be studied in regular courses. Concentrators wishing to take a tutorial in their junior year must find a member of the faculty to advise the project and submit an application to the Director of Undergraduate Studies.

Course Notes: **Letter-graded only. The Director of Undergraduate Studies approves AFVS 98 in the student's Crimson Cart.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students

Art, Film, and Visual Studies 99A

Tutorial - Senior Year (Thesis/Senior Project) (117196)

Matt Saunders

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

All students wishing to undertake an AFVS 99 project,either a senior thesis or senior project, must have permission of the project adviser, chosen by the student, before being considered. The Director of Undergraduate Studies and the AFVS Honors Board must approve all AFVS 99 projects and theses in advance. Part one of a two part series.

Course Notes: **The first term of the AFVS 99: Senior Thesis/Project should always be AFVS 99A. If you are beginning your thesis or project off-cycle, meaning, in the spring term, enroll in AFVS 99A.**

Optional for senior concentrators. Students must be enrolled in AFVS 99 to do a thesis. Students should arrange regular tutorial meetings with their project adviser. Senior theses and projects are led by individual faculty members; however the Director of Undergraduate Studies approves AFVS 99 in each student's Crimson Cart.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Divisible Course

Art, Film, and Visual Studies 99A

Tutorial - Senior Year (Thesis/Senior Project) (117196)

Matt Saunders

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

All students wishing to undertake an AFVS 99 project,either a senior thesis or senior project, must have permission of the project adviser, chosen by the student, before being considered. The Director of Undergraduate Studies and the AFVS Honors Board must approve all AFVS 99 projects and theses in advance. Part one of a two part series.

Course Notes: **The first term of the AFVS 99: Senior Thesis/Project should always be AFVS 99A. If you are beginning your thesis or project off-cycle, meaning, in the spring term, enroll in AFVS 99A.**

Optional for senior concentrators. Students must be enrolled in AFVS 99 to do a thesis. Students should arrange regular tutorial meetings with their project adviser. Senior theses and projects are led by individual faculty members; however the Director of Undergraduate Studies approves AFVS 99 in each student's Crimson Cart.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Not Available for Cross Registration
Full Year Course	Divisible Course

Art, Film, and Visual Studies 99B

Tutorial - Senior Year (Thesis/Senior Project) (159861)

Matt Saunders

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

All students wishing to undertake an AFVS 99 project, ,either a senior thesis or senior project, must have permission of the project adviser, chosen by the student, before being considered. The Director of Undergraduate Studies and the AFVS Honors Board must approve all AFVS 99 projects and theses in advance. Part one of a two part series.

Course Notes: **Optional for senior concentrators. Students must be enrolled in AFVS 99 to do a thesis. Students should arrange regular tutorial meetings with their project adviser. Senior theses and projects are led by individual faculty members; however the Director of Undergraduate Studies approves AFVS 99 in each student's Crimson Cart.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
Full Year Course	Divisible Course
All: Cross Reg Availability	Not Available for Cross Registration

Art, Film, and Visual Studies 99B

Tutorial - Senior Year (Thesis/Senior Project) (159861)

Matt Saunders

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

All students wishing to undertake an AFVS 99 project, ,either a senior thesis or senior project, must have permission of the project adviser, chosen by the student, before being considered. The Director of Undergraduate Studies and the AFVS Honors Board must approve all AFVS 99 projects and theses in advance. Part one of a two part series.

Course Notes: **Optional for senior concentrators. Students must be enrolled in AFVS**

99 to do a thesis. Students should arrange regular tutorial meetings with their project adviser. Senior theses and projects are led by individual faculty members; however the Director of Undergraduate Studies approves AFVS 99 in each student's Crimson Cart.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Divisible Course
FAS Divisional Distribution	Arts and Humanities

Art, Film, and Visual Studies 112 Section: 1

Drawing 2: Model Witness (203313)

Katarina Burin

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This studio art course foregrounds the medium of drawing, investigating its many potentials, both on and off the page. Drawing is positioned as model and as witness, and as something which carries ideas forward. It is experimental, light and flexible, while maintaining the ability to record direct process or be deeply specific.

Students will explore the potential of depicting both literal and metaphorical space, including the space of personal or collected memory, of future possibility and the imprint of time and process. Working in two-and three-dimensions we will strengthen our conceptual, technical and artistic visual skills.

Course Notes: **This course is open to anyone who has some experience with creative visual work.**

Interested students must attend first meeting of class during shopping week to speak with teaching staff about course enrollment procedure.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Art, Film, and Visual Studies 118C Section: 1

Curating Contemporary Art: Exhibitions, Artists, Institutions, and Audiences (213509)

Daniel Byers

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This course introduces the practice and study of curating contemporary art, examining exhibition typologies such as biennials, solo exhibitions, thematic and historical surveys, publications, and public

programs; working with living artists; the institutional context of the museum, alternative space, commercial gallery, and performance venue; and questions around audiences and communities. Through exhibition viewings, meetings with curators and artists, and readings and discussion, we will critically engage the role of curator and art institution within a broad cultural and contemporary art context.

Course Notes: **Interested students must attend the first meeting of the course to speak with teaching staff about enrollment procedure.**

Class Notes: **The class will include frequent trips to museums and galleries in the area.**

Recommended Prep: **History of Art and Architecture 17K: Introduction to Contemporary Art or similar experience.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Art, Film, and Visual Studies 123R Section: 1

Post Brush: Studio Course (119644)

Annette Lemieux

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Using the silkscreen printing process, students will create paintings and objects that incorporate images and text found in popular culture. Through slides, videos and informal discussions, students will be introduced to the Pop artists of the 20th century as well as other contemporary artists.

Course Notes: **Interested students must attend first meeting of class during shopping week to speak with teaching staff about course enrollment procedure.**

Recommended Prep: **At least one AFVS studio course or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Art, Film, and Visual Studies 132R Section: 1

Object Matter of Jellyfish : Sculpture Course (203463)

Nora Schultz

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Central issues of this studio course will be sculptural representation beyond the human scale and the special relationship between matter and meaning in sculptural production. The course investigates in the

notion of "the other" in sculptural production and the possibility of sculpture to involve in different contexts of our time and reality, ranging from the moment when an object is liberated from its original circumstances of production to its continuing life and how it might reflect on new situations.

Course Notes: **Pre-requisite: At least one AFVS studio course or permission of instructor.**

Interested students must attend first meeting of class during shopping week to speak with teaching staff about course enrollment procedure.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Art, Film, and Visual Studies 132R Section: 1

Object Matter of Jellyfish : Sculpture Course (203463)

Nora Schultz

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Central issues of this studio course will be sculptural representation beyond the human scale and the special relationship between matter and meaning in sculptural production. The course investigates in the notion of "the other" in sculptural production and the possibility of sculpture to involve in different contexts of our time and reality, ranging from the moment when an object is liberated from its original circumstances of production to its continuing life and how it might reflect on new situations.

Course Notes: **Pre-requisite: At least one AFVS studio course or permission of instructor.**

Interested students must attend first meeting of class during shopping week to speak with teaching staff about course enrollment procedure.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Art, Film, and Visual Studies 141BR Section: 1

Making Mischief: Using Photography to Upset Expectations (205346)

Sharon Harper

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

This class uses photography to explore our expectations of the medium and to expand its possible applications. Students develop an independent work practice that is an extension of their own interests.

Students will develop ideas for a project proposal at the outset of the semester and build a group of related photographs throughout the semester. The class will be organized around class discussions, critiques and individual meetings with the instructor. Slide presentations and readings will be given to deepen your understanding of the history of photography and contemporary art practices.

Course Notes: **Interested students must attend first meeting of class to speak with teaching staff about enrollment procedures.**

Class Notes: **This course meets from 1:30-4:15.**

Recommended Prep: **At least one previous photography course in AFVS or the permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

Art, Film, and Visual Studies 143 Section: 1

Difficult Pictures: Studio Course (207855)

Elle Perez

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

This studio class engages with photographs that have been deemed difficult, wrong, shocking, inappropriate, and/or subversive. Discussion is foundational to this course, with the goal of having open, generous, and generative conversations. Does photography have unique moral obligations that are distinct from other mediums? Furthermore, what are the moral and ethical responsibilities of photographers today? Students will devote themselves to the development of a semester long individual project that culminates in a final portfolio of photographs. In addition, students will engage with multiple case studies of photographs and photographers whose work has drawn controversy drawing from global examples.

Course Notes: **Interested students must attend the first meeting of the course during shopping week.**

Class Notes: **This course meets from 1:30 to 4:15.**

Recommended Prep: **Prerequisite: Introduction to Still Photography or the permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Art, Film, and Visual Studies 144M Section: 1

Photography and Ecology (213475)

Makeda Best

2019 Fall (4 Credits) **Schedule:** R 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 18

Integrating the study of art history, research-based artistic production, theory, and environmental studies, the aim of this course is to critically and actively explore the contemporary interplay between photographic vision and environmental history; the shifting composition, structure, and function of landscapes; cultural constructions of nature and environmental perceptions; environmental justice, politics, and policy; and, the role of photography in responding to how humans create and impact landscape patterns and process.

Course Notes: **Interested students must attend the first meeting of the course to learn about enrollment procedures.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Art, Film, and Visual Studies 150A

Film Directing: From Script to Screen (114116)

Anocha Suwichakornpong

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

The course guides the students through different stages of filmmaking, from script to finished film. Students develop short film scripts which they will make at the end of the course. Emphasis is placed on directing actors, single-camera blocking, and the role of camera work in its narration of the story. Film professionals will occasionally be invited to conduct some workshops with students. In-class screenings and critiques of student assignments form an important component of the course.

Course Notes: **Interview with instructor required for admission. Interested students must attend first meeting of class during shopping week to speak with teaching staff about course enrollment procedure.**

Class Notes: **This course meets from 1:30 to 4:15.**

Recommended Prep: **AFVS 50 or two other AFVS courses in video or film production.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Art, Film, and Visual Studies 150B

True Fiction: Intermediate Film Production (113516)

Anocha Suwichakornpong

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

This production course is the more advanced level of 150A. Students must have at least the first draft of their short screenplays on the first day of class. Content includes scene analysis and script revision, directing professional and non-professional actors, cinematography, blocking and mise-en-scène, sound design, editing and post-production. Students will be given assignments related to their written screenplays throughout the course, culminating in the final project: the production of a narrative short film. Film professionals will occasionally be invited to conduct workshops or hold master classes with students.

Course Notes: **Students seeking to enroll should come to the first class meeting with a developed short narrative screenplay.**

Recommended Prep: **VES 150A or two courses in video production, one of which must be AFVS 60x or AFVS 59.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Art, Film, and Visual Studies 151BR

Nonfiction Video Projects (113447)

Ross McElwee

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

Working from a proposal approved in advance by the instructor, each student plans, shoots, and edits a documentary video of his or her design. Shooting should take place over the summer and editing during the fall term. Readings and screenings augment individual work.

Course Notes: **Interested students must attend first meeting of class during shopping week to speak with teaching staff about course enrollment procedure.**

In exceptional cases, a student will be permitted to take the course without having filmed over the summer, but the student must have a specific proposal for a documentary that can be both shot and edited during the term. An interview with the instructor is required for admission.

Recommended Prep: **At least one AFVS course in live-action film or video.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students

Art, Film, and Visual Studies 152R Section: 1

Intermediate Video Workshop: Studio Course (117216)

Robb Moss

2020 Spring (4 Credits) **Schedule:** F 1200 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

A workshop for students with experience in video to explore further the capabilities of the medium by working in the nonfiction genres of the documentary, the experimental, and the experimental documentary. Students may work singly or together to make either an extended project or a series of shorts.

Course Notes: **Students seeking to enroll are encouraged to bring to the first class meeting a paragraph describing a proposed project, whether extended or short.**

Class Notes: **NOTE: The first meeting of this class will take place on Thursday, Jan. 30 at 10am-12pm in Sever 411.**

The normal meeting space is Sever B10.

Recommended Prep: **One AFVS course in video production.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students

Art, Film, and Visual Studies 153AR

Intermediate Animation: Making an Animated Film: Studio Course (115390)

Tim Szetela

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This course offers returning animators a chance to extend and deepen skills and understanding of animation and to make a more substantial piece of work. Additional exercises encourage students to challenge themselves and explore a range of creative possibilities.

Course Notes: **Interested students must attend first meeting of class to speak with teaching staff about enrollment procedures.**

Class Notes: **This course will have mandatory film screenings built into the class time, from 4:30 pm to 5:45 on Mondays.**

Recommended Prep: **This class welcomes students without any previous animation/video/or filmmaking experience.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students

Art, Film, and Visual Studies 155 Section: 1

Documentary Fictions (205241)

Joana Pimenta

2019 Fall (4 Credits) **Schedule:** F 1200 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

In this film production course, students will make short films that explore the fluid boundaries between fiction and documentary. We will discuss the generative possibilities of the real in the production of fiction works, and fictional strategies for working in documentary film. Assignments will encompass video and sound recording and editing, cinematography and montage. Class time will include technical workshops, film screenings, discussions of student work and occasional visiting filmmakers.

Course Notes: **Interested students must attend first meeting of class to speak with teaching staff about enrollment procedures.**

Class Notes: **This course has mandatory film screenings on Wednesday evenings at 7:15 to 10:00PM in the Carpenter Center Lecture Hall.**

Class Notes: **LOCATION for FIRST MEETING on FRIDAY, SEPTEMBER 6 at noon is SEVER 416.**

Recommended Prep: **At least one previous AFVS film/video course and/or experience in film/video and sound recording and editing is recommended, but not required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

Art, Film, and Visual Studies 156S Section: 1

Documentary Animation (215412)

Tim Szetela

2020 Spring (4 Credits) **Schedule:** M 0130 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

In this course, students will create a short animated film based on site-specific documentary research. Initial exercises will utilize a range of observational methods, including documentary drawing, data collection, mapping, and field recording. Students will then apply various animation techniques to communicate their observations, including hand-drawn animation, stop-motion, data visualization, and mixed media collage. The semester will culminate in the production of a short animated film based on the stories, patterns, and experiences discovered during their research.

Course Notes: **No previous experience in animation is required, but a background in video, audio, or design is helpful.**

Class Notes: **This course has mandatory film screenings built into the class time from 4:30-5:45 on Mondays.**

This class meets in Sever 402, the animation studio.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

Art, Film, and Visual Studies 157G Section: 1

Sound and Image as Equal Partners (213474)

Alfred Guzzetti

2020 Spring (4 Credits) **Schedule:** R 0130 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

A series of nonfiction experiments in creating sound and single-channel moving image in relationships where the two aspire to play equally expressive roles. Includes study of historical examples.

Course Notes: **Prerequisite: One VES/AFVS course in video production.**

Interested students must attend the first meeting of the course to learn about enrollment procedures.

Class Notes: **The first meeting of this class on Thursday, January 30 will be from 1: 30 to 2:30 in Sever B10.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students

Art, Film, and Visual Studies 158AR Section: 1

Sensory Ethnography 1 (123220)

Verena Paravel

2020 Spring (4 Credits) **Schedule:** TR 0600 PM - 0730 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

Students use video and audio to produce short works about embodied experience, culture, and nature.

Course Notes: **Students must also be enrolled in AFVS 158BR, Sensory Ethnography 2. Interested students must attend first meeting of class during shopping week to speak with teaching staff about course enrollment procedure.**

No previous studio experience necessary.

Class Notes: **There will be a mandatory 2 hour lab for this course to be determined.**

The location for this class is Sever 416.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students

Art, Film, and Visual Studies 158BR Section: 1

Sensory Ethnography 2 (110043)

Lucien Castaing-Taylor

Verena Paravel

2020 Spring (4 Credits) **Schedule:** TR 0730 PM - 1000 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

Students are introduced to current issues in art, aesthetics, and anthropology, and produce collaborative experimental works of sensory ethnography.

Course Notes: **Students must also be enrolled in AFVS 158AR, Sensory Ethnography 1. Interested students must attend first meeting of class during shopping week to speak with teaching staff about course enrollment procedure.**
No previous studio experience necessary.

Class Notes: **There will be a mandatory 2 hour lab to be determined.**

The location for this course is Sever 416.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Art, Film, and Visual Studies 161 Section: 1

Algorithmic Performance (208333)

Sohin Hwang

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0715 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

How do we think, feel, and work in the age of performative algorithms? This course explores performative practices using algorithms as an investigative method. Programming figures in both immediate and remote environment, students will develop experimental practices based on various forms of algorithmic constructions. Contemporary examples will be introduced, with a focus on the use of lists, instructions, and diagrams. Screenings, workshops, guest presentations, and readings will supplement the development of the projects.

Course Notes: **Prerequisite: Previous studio or programming experience helpful but not required.**

Interested students must attend first meeting of class during shopping week to speak with teaching staff about course enrollment procedure.

Class Notes: **This course meets from 3pm to 7pm in Sackler 111.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Art, Film, and Visual Studies 170S Section: 1

Film and the Self-Image: From Local Cinema to the Selfie (213512)

Katherine Rennebohm

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Films and moving images have a long history of putting "the self" on screen. This course will take an alternate route through the history of non-fiction film and video making in order to explore this history of the "Self-Image." We will also consider the theoretical and political implications of film's century of picturing the self, investigating differences from other instances of 'self-media.' How do film and moving image media change how we understand the self?

Course Notes: **This course will have mandatory weekly film screenings on Fridays from 3:00 to 5:30 in the Carpenter Center Lecture Hall.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Art, Film, and Visual Studies 173D Section: 1

What Is (21st-Century) Cinema? (213738)

Dennis Lim

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

More than a half century after André Bazin asked "what is cinema?" this class will attempt to answer that fundamental question from the unstable vantage of the present. We will do so by looking at the aesthetic forms, technological movements, economic structures, and critical and theoretical discourses that have shaped — and that continue to transform — contemporary moving-image culture. Students will encounter work across forms and genres by a wide range of filmmakers who have collectively begun to define what a 21st-century cinema might look like.

Class Notes: **This class meets from 3pm to 5pm on Mondays in Carpenter Center 401, preceded by weekly film screenings in the Carpenter Center Lecture Hall at 12:00-2:45.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Art, Film, and Visual Studies 174 Section: 1

Art of the Real: Rethinking Documentary (156235)

Dennis Lim

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

What defines the documentary, and why have these definitions proved so mutable and even contentious over the years? This seminar will undertake a historical survey of the documentary from the silent era to the digital present, paying special attention to the formal, aesthetic, and ethical questions that have shaped its evolution. Looking beyond the canon and beyond traditional notions of non-fiction, the class aims to provide students with an expanded view of the real in cinema.

Course Notes: **There are mandatory film screenings for this class from 12:00pm to 2:00 on Mondays, preceding the class meeting, which is from 3pm to 5pm. Interested students must attend first meeting of class during shopping week to speak with teaching staff about course enrollment procedure.**

Class Notes: **This class meets from 3pm to 5pm on Mondays in Carpenter Center 401, preceded by weekly film screenings in the Carpenter Center Lecture Hall at 12:00-2:45.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

Art, Film, and Visual Studies 181 Section: 1

Film Theory, Visual Thinking (114647)

Giuliana Bruno

2020 Spring (4 Credits) **Schedule:** R 1200 PM - 0130 PM

Instructor Permissions: None **Enrollment Cap:** n/a

How do moving images transform the way we think? Introduction to film theory aimed at interpreting the visual world, and developing skills to analyze films and media images. Survey of classical and contemporary film theory goes from turn-of-the-century scientific motion studies to the virtual movements of today. Considers theories of space, time, and motion, including Eisenstein's theory of montage and architecture. Treats visual technology and sensate space, the cultural history of the cinematic apparatus, the body and physical existence, affect and gender, and screen theory. Different theoretical positions guide us in understanding and reading films.

Course Notes: **Offered jointly with the Graduate School of Design as HIS 4132. This course has an additional weekly film screening, Wednesday at 7:15 in the Carpenter Center Lecture Hall.**

Class Notes: **This course meets from 12pm to 1:30PM in Carpenter Center B04.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students

Art, Film, and Visual Studies 188G Section: 1

Postwall German Cinema (213433)

Eric Rentschler

2020 Spring (4 Credits) **Schedule:** M 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Filmmakers from the Federal Republic of Germany like Rainer Werner Fassbinder, Werner Herzog, and Wim Wenders would become internationally prominent during the 1970s and lauded for their formal experimentation, stylistic allure, and political outspokenness. What happened, though, after the demise of the so-called New German Cinema in the early eighties and the fall of the wall in 1989? This class will focus on postwall German cinema and discuss a rich sampling of features from a very seismic and eventful decade, the 1990s. Our weekly sessions will probe the textual idiosyncrasies of representative films as well as their socio-political determinations. We will look at mainstream offerings as well as arthouse entries, probing commercial features that seek to optimize their popular appeal as well as more ambitious works that speak out, act out, and take exception. In this way, we will gain an appreciation for the variety of voices within the media ecology of this national cinema, its hearty blend of affirmation, dissent, and diversity. This course will seek to foster students' ability both to fathom the formal workings and historical meanings of films as well as to enhance their analytical capacities and critical skills.

Course Notes: **This course is equivalent to AFVS 188G. Credit may be earned for German 153 or AFVS 188G, but not both.**

No previous course work in film studies nor any knowledge of German is required or presumed.

Class Notes: **This course has mandatory film screenings on Fridays from 12:45-3:15.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Art, Film, and Visual Studies 196R

Directed Research: Studio Course (119636)

Stephen Prina

2019 Fall (4 Credits) **Schedule:** W 0600 PM - 0845 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This course is intended for students who have developed the beginnings of a practice they are prepared to pursue. The motive is to assemble a group of disparate artists who come together to exchange thoughts across disciplines: painting next to photography next to writing next to filmmaking, and so on.

Course Notes: **Recommended for concentrators in Art, Film, and Visual Studies in their junior and senior year but also open to others with permission of the instructor.**

Interested students must attend first meeting of class during shopping week to speak with teaching staff about course enrollment procedure.

Class Notes: **This course meets from 6pm to 9pm on Wednesday evenings.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Art, Film, and Visual Studies 196R

Directed Research: Studio Course (119636)

Stephen Prina

2020 Spring (4 Credits) **Schedule:** W 0600 PM - 0845 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

This course is intended for students who have developed the beginnings of a practice they are prepared to pursue. The motive is to assemble a group of disparate artists who come together to exchange thoughts across disciplines: painting next to photography next to writing next to filmmaking, and so on.

Course Notes: **Recommended for concentrators in Art, Film, and Visual Studies in their junior and senior year but also open to others with permission of the instructor.**

Interested students must attend first meeting of class during shopping week to speak with teaching staff about course enrollment procedure.

Class Notes: **This course meets from 6pm to 9pm on Wednesday evenings.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

Art, Film, and Visual Studies 197

The Cinema According to Alfred Hitchcock (127468)

Haden Guest

2020 Spring (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This class explores the films, career and legacy of Alfred Hitchcock, one of the legends of the American cinema and arguably among the most influential artists of the twentieth century. Using a range of diverse critical approaches to closely study key examples of Hitchcock's intricate and obsessive tales of murder and suspense, this course also traces a history of the classical Hollywood studio system that Hitchcock's remarkably successful career helped define.

Class Notes: **FIRST MEETING NOTE: This class will meet on Monday, Jan. 27 at 3pm to 5:45 in the Carpenter Center Lecture Hall on the lower level. The class will not meet on Wednesday, Jan. 29.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students

Art, Film, and Visual Studies 197K Section: 1

Cinemas of Resistance: Political Filmmaking Across the Globe (207946)

Katherine Rennebohm

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Can film change the world? What can the history of engaged film and media-making teach us about politics, and vice-versa? This course will study instances of political filmmaking from around the world: early 20th century avant-garde filmmaking, anti-colonialist and anti-imperialist cinemas, feminist and queer filmmaking, Indigenous cinemas, and more. Students will learn about different political movements, international histories of film theory and film form, and the ongoing legacies of cinemas of resistance.

Course Notes: **Interested students must attend first meeting of class during shopping week to speak with teaching staff about course enrollment procedure.**

There are mandatory weekly film screenings for this course.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Art, Film, and Visual Studies 209R

Curation, Conservation and Programming (110088)

Tom Conley

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 10

For research and independent projects in the archives, collections, and exhibitions of the Carpenter Center for the Visual Arts, the Harvard Film Archive, or the Harvard Museums and other campus arts institutions. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor or staff member with whom the project is to be done.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Art, Film, and Visual Studies 209R

Curation, Conservation and Programming (110088)

Lucien Castaing-Taylor

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For research and independent projects in the archives, collections, and exhibitions of the Carpenter Center for the Visual Arts, the Harvard Film Archive, or the Harvard Museums and other campus arts institutions. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor or staff member with whom the project is to be done.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities

Art, Film, and Visual Studies 215

Critical Printing (205183)

Matt Saunders

Jennifer L. Roberts

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Incorporating both studio and seminar instruction, this intensive course will explore printmaking's history, trace its particular forms of intelligence, and test its future potential. The class will meet for three hours of studio and two hours of seminar/discussion per week. Assignments will include weekly readings, a short scholarly paper, and two studio projects. For the first half of the semester, students will pursue a rigorous

grounding in a particular historical technique (etching/intaglio); in the second half students will translate what they have learned to another medium, thus exploring printmaking as an expanded field of practice.

Course Notes: **The course is designed for graduate students and advanced undergraduates in any related department.**

Interested students must attend the first meeting of the class during shopping week.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities

Art, Film, and Visual Studies 231

Studio Language (213421)

Nora Schultz

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0415 PM
T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

A studio course that is directed to specific themes in the studio practice of graduate students and undergraduates in their junior and senior years.

The course will focus on different ways intermedia and interdisciplinary art work involves language and text, in theory and practice, especially focusing on the intersection of text/language and visual work. The course investigates specific notions of conceptualizing, "critique" and "making" of artworks and in publishing and developing art with textual work

Course Notes: **This course is for graduate students and undergraduates in their junior and senior years.**
Interested students must attend the first meeting of the course during shopping week.

Class Notes: **This course meets from 12pm to 2:45 on Tuesdays and 1pm to 4pm on Thursdays.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Art, Film, and Visual Studies 251

Artistic Research Workshop (208330)

Sohin Hwang

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0715 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

How can we conduct and present research through art? This studio-based seminar explores practices of artistic investigation and critical visual thinking with a focus on strategies from performance, video, and installation. Pursuing individual projects, students will be encouraged to use bare senses for making observations and understand different ways of using objects, space, recordings, and other materials to formulate questions and convey findings. Three presentations will be expected to show the work process that leads to the final one. Screenings, guest presentations, field trips, and readings supplement the development of the projects.

Course Notes: **This is a graduate level course, but undergraduates are also welcome to apply. Interested students must attend the first meeting of the class during shopping week to speak with teaching staff about course enrollment procedure.**

Recommended Prep: **Prerequisite: Experience in media production helpful but not required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities

Art, Film, and Visual Studies 255

Introduction to Critical Media Practice (208064)

Julie Mallozzi

2019 Fall (4 Credits) **Schedule:** W 1200 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

This course is for graduate students interested in pursuing the PhD Secondary Field in Critical Media Practice as well as other students who would like to explore the use of artistic practices to conduct or present research. Students will work individually and in groups to complete a series of exercises in single-channel video, sound, installation, performance, and/or web-based work. Constructive critique will be informed by screenings, visiting artists, and workshops.

Course Notes: **Interested students must attend first meeting of class during shopping week to speak with teaching staff about course enrollment procedure.**

Class Notes: **This course meets from 12pm to 5:00pm on Wednesdays plus weekly 2-hour section to be determined on Thursdays or Fridays.**

Recommended Prep: **None necessary.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students

Art, Film, and Visual Studies 270

Proseminar in Film and Visual Studies: History (122079)

Tom Conley

2019 Fall (4 Credits) **Schedule:** T 0500 PM - 0700 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Considers film history and the relations between film and history as well as pertinent theoretical approaches to historiography. Critical readings of exemplary film historical studies and careful scrutiny of films both in and as history.

Course Notes: **Required of all Film and Visual Studies graduate students, as well as graduate students intending to declare a secondary field in Film and Visual Studies.**

Interested students must attend first meeting of class during shopping week to speak with teaching staff about course enrollment procedure.

Class Notes: **There are mandatory film screenings for this course on Tuesday evenings from 7:15 to 10:00 in the Carpenter Center Lecture Hall.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Art, Film, and Visual Studies 271

Proseminar in Film and Visual Studies: Theory (122080)

Giuliana Bruno

2020 Spring (4 Credits) **Schedule:** W 0130 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

An advanced survey of current debates on the place of the moving image in contemporary visual culture, art practice, and media ecologies, with regards to concepts of space, time, archive, movement, and affect. Topics include visual studies and the culture of modernity, media archaeology and cultural techniques, screen culture in the museum, new media and contemporary art, moving images and architectural space.

Course Notes: **Required of all Film and Visual Studies graduate students as well as graduate students intending to declare a secondary field in Film and Visual Studies.**

Interested students must attend first meeting of class during shopping week to speak with teaching staff about course enrollment procedure.

Class Notes: **This course meets on Wednesdays from 2pm to 4pm in Carpenter Center 402.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Art, Film, and Visual Studies 274 Section: 1

Vision and Power: Introduction to Visual Studies (New Course) (215119)

David Joselit

2020 Spring (4 Credits) **Schedule:** W 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course will serve as a theoretical introduction to the field of Visual Studies by addressing six key-words, associated with a significant literature related to visual studies. These are: Archaeology (of knowledge; or Media Archaeology); Forensics (in relation to the recent work of Forensic Architecture and others); Subjectivity (as developed through visual means); Spectacle (as an "empire of the visual); and Art (as a special realm of visuality whose worldly power is often underestimated)

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Art, Film, and Visual Studies 279 Section: 1

Materiality, Visual Culture, and Media (203315)

Giuliana Bruno

2019 Fall (4 Credits) **Schedule:** W 0130 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

What is the place of materiality in our visual age of rapidly changing materials and media? How is it fashioned in the arts, architecture and media? This seminar investigates a "material turn" in philosophy, art, media, visual and spatial culture. Topics include: actor-network theory, thing theory, the life of objects, the archive, the haptic and the affect, vibrant materialism, elemental philosophy, light and projection, and the immateriality of atmosphere.

Course Notes: **Interested students must attend the first meeting of the class during shopping week.**

This course is jointly offered at the Graduate School of Design as HIS 4451; GSD students should enroll in the course via the GSD.

Class Notes: **This course meets on Wednesdays from 2pm to 4pm in Carpenter Center 402.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Art, Film, and Visual Studies 289 Section: 1

The Frankfurt School on Mass Media and Mass Culture (156172)

Eric Rentschler

2019 Fall (4 Credits) **Schedule:** M 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This seminar considers the Frankfurt School's deliberations on film, radio, television, and mass culture. We will devote the majority of the course to three seminal figures: Siegfried Kracauer, Walter Benjamin, and T. W. Adorno. More generally, we will focus on the debates catalyzed by the emergence of modern mass media and an industrialized visual culture; we will also reflect on the pertinence of these debates for our own contemporary culture of media convergence.

Course Notes: **This course is also offered through Germanic Languages and Literatures as German 254. Credit may be earned for either AFVS 289 or German 254, but not both.**

Requirements: **Anti-Req: Cannot be taken for credit if GERM 254 is taken for credit.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Art, Film, and Visual Studies 301

Film and Visual Studies Workshop (122841)

Eric Rentschler

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Art, Film, and Visual Studies 301

Film and Visual Studies Workshop (122841)

Eric Rentschler

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 12

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Art, Film, and Visual Studies 310

Reading and Research (124317)

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Art, Film, and Visual Studies 310

Reading and Research (124317)

Lucien Castaing-Taylor

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Art, Film, and Visual Studies 320

Directed Study (124316)

Lucien Castaing-Taylor

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Art, Film, and Visual Studies 320

Directed Study (124316)

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 12

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Art, Film, and Visual Studies 330R

Teaching Workshop (156525)

Lucien Castaing-Taylor

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

This course serves as an introduction to teaching in Art, Film, and Visual Studies, as well as a forum for designing instruction. There will be an emphasis on discussions of hybrid methodologies between research and practice.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Art, Film, and Visual Studies 330R

Teaching Workshop (156525)

Tom Conley

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 20

This course serves as an introduction to teaching in Art, Film, and Visual Studies, as well as a forum for designing instruction. There will be an emphasis on discussions of hybrid methodologies between research and practice.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Art, Film, and Visual Studies 351HF

Film Study Center Non-Fiction Filmmaking Workshop (127539)

Lucien Castaing-Taylor

2019 Fall (2 Credits) **Schedule:** T 0600 PM - 0845 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A graduate workshop for Film Study Center non-fiction film and video projects.

Course Notes: **Admission Limited to Critical Media Practice graduate students and Film Study Center fellows.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Art, Film, and Visual Studies 351HF Section: 1

Film Study Center Non-Fiction Filmmaking Workshop (127539)

Lucien Castaing-Taylor

2020 Spring (2 Credits) **Schedule:** T 0600 PM - 0845 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

A graduate workshop for Film Study Center non-fiction film and video projects.

Course Notes: **Admission Limited to Critical Media Practice graduate students and Film Study Center fellows.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Art, Film, and Visual Studies 355R Section: 1

Advanced Critical Media Practice (156526)

Lucien Castaing-Taylor

Joana Pimenta

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course is for graduate students pursuing the PhD Secondary Field in Critical Media Practice, as well as for other students creating artistic or interpretive media projects that are complementary to their scholarship. Open to any media or subject matter, the course is centered around exhaustive, constructive critique, supplemented by workshops, screenings and visiting artists.

Class Notes: **NOTE: THIS COURSE MEETS IN SEVER 416, NOT 215. This course has a required lab on Wednesday evenings from 6pm to 7pm.**

Recommended Prep: **Interview with instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Art, Film, and Visual Studies 390 Section: 1

Graduate Studio Workshop (211192)

Lucien Castaing-Taylor

2019 Fall (4 Credits) **Schedule:** W 0600 PM - 1000 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This graduate-level studio class is for advanced students in Film & Visual Studies and Critical Media Practice, who wish to develop their artistic practice in conjunction with their scholarship. Students develop individual and collaborative studio projects that explore the principles and potential of the visual and performing arts. Projects may be in drawing, painting, printmaking, sculpture, photography, video, film, installation, graphic design, or performance.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Art, Film, and Visual Studies 390 Section: 1

Graduate Studio Workshop (211192)

Lucien Castaing-Taylor

2020 Spring (4 Credits) **Schedule:** F 0600 PM - 1000 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

This graduate-level studio class is for advanced students in Film & Visual Studies and Critical Media Practice, who wish to develop their artistic practice in conjunction with their scholarship. Students develop individual and collaborative studio projects that explore the principles and potential of the visual and performing arts. Projects may be in drawing, painting, printmaking, sculpture, photography, video, film, installation, graphic design, or performance.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Astronomy

Subject: Astronomy

Astronomy 1

The Big Questions of Astronomy (113797)

David Charbonneau

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

We will discuss the big questions of astronomy that have engaged scientists and the general public alike for centuries: How did the universe begin? What is the ultimate fate of the Sun? How do planets form? Is there life outside the Solar system? Students will use telescopes to study the night sky and examine how the combination of astronomical observations and physical theory have led to an understanding of the vast and dynamic cosmos we inhabit.

Class Notes: **Course notes: In addition to the two lectures per week a weekly evening section using telescopes will be required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science

Astronomy 2

Celestial Navigation (111305)

Philip Sadler

2019 Fall (4 Credits) **Schedule:** T 1130 AM - 0130 PM
T 0700 PM - 0900 PM

Instructor Permissions: Instructor **Enrollment Cap:** 25

Never be lost again! Find your way on sea, land, or air by employing celestial and terrestrial techniques. Acquire expertise in using navigators' tools (sextant, compass, and charts) while learning the steps to the celestial dance of the sun, moon, stars, and planets. This 108-year-old course continues to rely on practical skills and collaborative problem-solving, while utilizing historical artifacts (instruments, maps, captains' logs) and student-built devices. Culminating in a day-long cruise to practice navigation skills.

Course Notes: **Minimal lecturing; predominantly practical activities with individual attention from teaching staff. Math beyond high school trigonometry and geometry unnecessary. This course is offered each year.**

Class Notes: **This course uses a lottery system to allot the 25 available seats. Attendance at first class is a condition of participating in the lottery.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
Quantitative Reasoning with Data	Yes
FAS Course Roll	FAS Course Roll

Astronomy 5

Astrosociology (205519)

Gerhard Sonnert

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1100 AM

Instructor Permissions: Instructor **Enrollment Cap:** 20

In an age of magnificent astronomical progress and discoveries, the increasing knowledge of the cosmos has manifold repercussions in society and culture. This course will examine how outer space-related phenomena impact, or potentially impact, society and culture, and vice versa. Especially in light of the proliferating discovery of exoplanets, an intriguing topic of astrosociology is presented by the possibility of the existence of extraterrestrial civilizations, their detection, communication with them, and even contact.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Astronomy 16

Stellar and Planetary Astronomy (118136)

Karin Oberg

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM
F 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course provides an introduction to the physical principles describing the formation and evolution of stars and their planetary companions. Topics include thermal radiation and stellar spectra; telescopes; energy generation in stars; stellar evolution; orbital dynamics; the Solar system; and exoplanets. This course includes an observational component: students will determine the distance to the Sun, and use the Clay Telescope atop the Science Center to study stellar evolution and detect exoplanets.

Course Notes: **This course is offered each year.**

Recommended Prep: **An introductory course in mechanics, which may be taken concurrently, satisfied by Physics 11a, Physics 15a, Physics 16 or Physical Sciences 12a.**

Requirements: **Prerequisite: Physics 15a, Physics 16, or Physical Sciences 12a. May be taken concurrently.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Final Assessment Category	Three-hour Exam

Astronomy 17

Galactic and Extragalactic Astronomy (125884)

Xingang Chen

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 35

This course provides an introduction to the physical principles describing galaxies and the composition and evolution of the Universe. Topics include the interstellar medium; star clusters; the structure and dynamics of the Milky Way; other galaxies; clusters of galaxies; active galaxies and quasars; cosmology; and the early universe. This course includes an observational component: In addition to observing galaxies with the Science Center Clay Telescope, students will use the millimeter-wavelength telescope at the Harvard-Smithsonian Center for Astrophysics to measure the rotation velocity of the Milky Way galaxy and to determine its mass.

Course Notes: **This course is offered each year.**

Class Notes: **Classes for Astro 17 will end at 4:30 pm.**

Recommended Prep: **An introductory course in mechanics, which may be taken concurrently, satisfied by Physics lla, Physics 15a, Physics 16, or Physical Sciences 12a.**

Requirements: **Prerequisite: An introductory course in mechanics, which may be taken concurrently, satisfied by Physics 15a, Physics16, or Physical Sciences 12a.REQ; Astronomy 17**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Astronomy 22

The Unity of Science: From the Big Bang to the Brontosaurus and Beyond (212793)

Irwin Shapiro

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Science is like a well-woven, ever-expanding fabric, designed to uncover Nature's secrets. This course emphasizes the strong connections between subfields of science,showing it as the never-ending and greatest detective story ever told, with evidence always the arbiter. These characteristics are exhibited in the semi-historical treatment of three main themes: unveiling the universe, the earth and its fossils, and the story of life.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Astronomy 91R

Supervised Reading and Research (110822)

Karin Oberg

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Supervised reading and research in a subject of astrophysics that is not normally included in the regular course offerings of the department.

Course Notes: **Students must arrange for course supervision with an individual member of the Department. The course may be counted only once toward the concentration requirements, and may not be taken more than twice. This course is offered each semester.**

Requirements: **Prerequisite: Astronomy 16 OR Astronomy 17**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Astronomy 91R

Supervised Reading and Research (110822)

Karin Oberg

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised reading and research in a subject of astrophysics that is not normally included in the regular course offerings of the department.

Course Notes: **Students must arrange for course supervision with an individual member of the Department. The course may be counted only once**

toward the concentration requirements, and may not be taken more than twice. This course is offered each semester.

Requirements: **Prerequisite: Astronomy 16 OR Astronomy 17**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Astronomy 98

Research Tutorial in Astrophysics (112487)

Xingang Chen

2019 Fall (4 Credits) **Schedule:** M 0130 PM - 0245 PM
T 0600 PM - 0715 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This junior tutorial introduces students to research at the forefront of astrophysics, and provides opportunities for students to meet with research scientists and individuals active in science policy, education, and journalism. Students meet weekly for a lecture and discussion over dinner with a guest speaker, preceded by a reading and a preparatory seminar. Students will be mentored throughout the term on a research project of their choosing. The Harvard-Smithsonian Center for Astrophysics is home to one of the largest groups of astronomers in the world, providing extensive opportunities for undergraduate research.

Requirements: **Prerequisite: Astronomy 16 OR Astronomy 17**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Astronomy 99A

Senior Thesis in Astrophysics (116041)

Ramesh Narayan

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Individually supervised reading and research leading to the senior thesis. The Harvard-Smithsonian Center for Astrophysics is home to one of the largest groups of astronomers in the world, providing extensive opportunities for undergraduate research. Both Part A and Part B must be taken in the same academic year in order for students to receive credit. Part one of a two part series.

Course Notes: **This course is offered each year.**

Class Notes: **Classes will end at 3:50 pm to allow students to attend the CfA Colloquium.**

Requirements: **Prerequisite: Astronomy 98**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Indivisible Course
FAS Divisional Distribution	Science & Engineering & Applied Science

Astronomy 99B

Senior Thesis in Astrophysics (159800)

John Kovac

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Individually supervised reading and research leading to the senior thesis. The Harvard-Smithsonian Center for Astrophysics is home to one of the largest groups of astronomers in the world, providing extensive opportunities for undergraduate research. Both Part A and Part B must be taken in the same academic year in order for students to receive credit. Part two of a two part series.

Recommended Prep: **Astronomy 98.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
Full Year Course	Indivisible Course
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
Course Search Attributes	Display Only in Course Search

Astronomy 100

Methods of Observational Astronomy (125880)

Douglas Finkbeiner

2020 Spring (4 Credits) **Schedule:** TR 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

In this course we will learn the basic tools of modern astronomical research, including telescopes, detectors, imaging, spectroscopy, and common software. Emphasis will be placed on both the theory behind telescopes and their use, and hands-on experience with real data. Using this basic knowledge we will analyze science-level astronomical data from a wide range of telescopes and review the basic properties of stars, galaxies, and other astronomical objects of interest. The course includes a trip to the F. L. Whipple Observatory on Mount Hopkins, Arizona, to gather data with various telescopes.

Course Notes: **This course is offered each year.**

Recommended Prep: **Astronomy 16 or Astronomy 17.**

Requirements: **Prerequisite: Astronomy 16 OR Astronomy 17**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Astronomy 110

Exoplanets (125881)

John Johnson

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

A survey of the rapidly-evolving field of the detection and characterization of planets orbiting other stars. Topics includes proto-stellar collapse and star formation; protoplanetary disk structure; models of planet formation; methods of detecting extrasolar planets; composition and physical structure of planets; planetary atmospheres; habitable zones; greenhouse effect; and biosignatures.

Recommended Prep: **Astronomy 16.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Astronomy 120

Stellar Physics (125882)

Selma de Mink

2020 Spring (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Stars are the basic building blocks of galaxies and are responsible for the nucleosynthesis of most of the elements. Topics include stellar structure; energy transport in stars; stellar atmospheres; astroseismology; nuclear fusion in stars; stellar evolution; nucleosynthesis of the elements; stellar death and supernovae; the degenerate remnants of stars; black holes. This course will make use of thermodynamics, statistical mechanics, and quantum mechanics, but will review these subjects as necessary.

Recommended Prep: **Physics 15c strongly recommended**

Requirements: **Prerequisite: Astronomy 16**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Astronomy 191

Astrophysics Laboratory (113262)

John Kovac

2020 Spring (4 Credits) **Schedule:** F 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Laboratory and observational projects in astrophysics. Students design and undertake two projects from a selection including: observational studies of the cosmic microwave background radiation, molecules in interstellar clouds, the rotation of the galaxy, galactic molecular sources with the submillimeter array (SMA), stars and clusters with the Clay Telescope; and laboratory experiments including super-conducting submillimeter detectors, x-ray CCDs, and hard x-ray imaging detectors and telescopes.

Course Notes: **Primarily for concentrators in astrophysics or combined concentrators with physics. Students with physics as their primary concentration, but with a serious interest in astrophysics, may take this to satisfy their laboratory requirement (in lieu of Physics 191) upon petition to the Head Tutor in Physics. This course is offered each year.**

Class Notes: **This course will most likely start at 2 pm and will finish by 5 pm.**

Requirements: **Prerequisite Astronomy 191: Astronomy 16, OR Astronomy 17, OR Physics 15C**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Astronomy 200

Radiative Processes in Astrophysics (124966)

Ramesh Narayan

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course offers a survey of radiative processes of astrophysical importance from radio waves to gamma rays. Topics include thermal and non-thermal processes, including bremsstrahlung, synchrotron radiation, and Compton scattering; radiation in plasmas; aspects of atomic and molecular spectra.

Course Notes: **Open to seniors concentrating in Astrophysics or Physics. This course is offered each year.**

Recommended Prep: **Physics 143a.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Astronomy 202A Section: L01

Extragalactic Astronomy and Cosmology I (118139)

Charles Conroy

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This course provides an integrated introduction to extragalactic astrophysics and cosmology. Notable topics include: fundamentals of cosmology, growth of cosmic structure, gravitational dynamics of halos and galaxies, and astrophysics of galaxy evolution.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Astronomy 202B

Extragalactic Astronomy and Cosmology II (111660)

Daniel Eisenstein

2020 Spring (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This continues the integrated presentation of extragalactic astronomy and cosmology, focusing on more advanced topics such as: big bang nucleosynthesis, CMB anisotropies, large-scale structure, gravitational lensing, the intergalactic medium, active galactic nuclei, reionization, inflation, and dark matter.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Astronomy 214

Seminar in Observational Astronomy (212787)

Jonathan Grindlay

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Observational techniques associated with relativistic and high-energy astrophysical phenomena. Accretion onto compact stars (white dwarfs, neutron stars, black holes); active galactic nuclei, galaxy clusters. Gamma-ray bursts and cosmic rays. X-ray and gamma-ray background.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science

Astronomy 300

Topics in Modern Astrophysics (122728)

Nicholas Murphy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS Course Roll	FAS Course Roll

Astronomy 300

Topics in Modern Astrophysics (122728)

Charles Lada

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Astronomy 300 Section: 002

Topics in Modern Astrophysics (122728)

Alyssa Goodman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Astronomy 300 Section: 002

Topics in Modern Astrophysics (122728)

Alyssa Goodman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Astronomy 300 Section: 0020

Topics in Modern Astrophysics (122728)

Michael Johnson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-

Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Astronomy 300 Section: 003

Topics in Modern Astrophysics (122728)

Abraham Loeb

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Astronomy 300 Section: 003

Topics in Modern Astrophysics (122728)

Abraham Loeb

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Astronomy 300 Section: 004

Topics in Modern Astrophysics (122728)

Charles Conroy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Astronomy 300 Section: 004

Topics in Modern Astrophysics (122728)

Charles Conroy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Astronomy 300 Section: 005

Topics in Modern Astrophysics (122728)

David Charbonneau

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

FAS Divisional Distribution	None

Astronomy 300 Section: 005

Topics in Modern Astrophysics (122728)

David Charbonneau

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Astronomy 300 Section: 006

Topics in Modern Astrophysics (122728)

Daniel Eisenstein

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Astronomy 300 Section: 006

Topics in Modern Astrophysics (122728)

Daniel Eisenstein

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Astronomy 300 Section: 007

Topics in Modern Astrophysics (122728)

Douglas Finkbeiner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Astronomy 300 Section: 007

Topics in Modern Astrophysics (122728)

Douglas Finkbeiner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Astronomy 300 Section: 008

Topics in Modern Astrophysics (122728)

Dimitar Sasselov

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Astronomy 300 Section: 008

Topics in Modern Astrophysics (122728)

Dimitar Sasselov

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Astronomy 300 Section: 009

Topics in Modern Astrophysics (122728)

Matthew Holman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Astronomy 300 Section: 009

Topics in Modern Astrophysics (122728)

Matthew Holman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Astronomy 300 Section: 010

Topics in Modern Astrophysics (122728)

Edo Berger

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Astronomy 300 Section: 010

Topics in Modern Astrophysics (122728)

Edo Berger

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Astronomy 300 Section: 011

Topics in Modern Astrophysics (122728)

John Johnson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Astronomy 300 Section: 011

Topics in Modern Astrophysics (122728)

John Johnson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Astronomy 300 Section: 012

Topics in Modern Astrophysics (122728)

John Kovac

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Astronomy 300 Section: 012

Topics in Modern Astrophysics (122728)

John Kovac

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Astronomy 300 Section: 013

Topics in Modern Astrophysics (122728)

Karin Oberg

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Astronomy 300 Section: 013

Topics in Modern Astrophysics (122728)

Karin Oberg

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Astronomy 300 Section: 014

Topics in Modern Astrophysics (122728)

Lars Hernquist

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Astronomy 300 Section: 014

Topics in Modern Astrophysics (122728)

Lars Hernquist

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Astronomy 300 Section: 015

Topics in Modern Astrophysics (122728)

Ramesh Narayan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Astronomy 300 Section: 015

Topics in Modern Astrophysics (122728)

Ramesh Narayan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Astronomy 300 Section: 016

Topics in Modern Astrophysics (122728)

Sean Andrews

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Astronomy 300 Section: 016

Topics in Modern Astrophysics (122728)

Sean Andrews

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Astronomy 300 Section: 017

Topics in Modern Astrophysics (122728)

Maria Lopez-Morales

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Astronomy 300 Section: 017

Topics in Modern Astrophysics (122728)

Michael Johnson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Astronomy 300 Section: 018

Topics in Modern Astrophysics (122728)

Jonathan Grindlay

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Astronomy 300 Section: 018

Topics in Modern Astrophysics (122728)

Jonathan Grindlay

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Astronomy 300 Section: 019

Topics in Modern Astrophysics (122728)

Nicholas Murphy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Astronomy 300 Section: 019

Topics in Modern Astrophysics (122728)

David Latham

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Astronomy 300 Section: 020

Topics in Modern Astrophysics (122728)

David Latham

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Astronomy 300 Section: 021

Topics in Modern Astrophysics (122728)

Maria Lopez-Morales

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Astronomy 300 Section: 021

Topics in Modern Astrophysics (122728)

Charles Lada

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Astronomy 300 Section: 022

Topics in Modern Astrophysics (122728)

John Raymond

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Astronomy 300 Section: 022

Topics in Modern Astrophysics (122728)

John Raymond

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Astronomy 300 Section: 023

Topics in Modern Astrophysics (122728)

Selma de Mink

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Astronomy 300 Section: 024

Topics in Modern Astrophysics (122728)

Selma de Mink

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 10

A seminar, reading, or research course may be arranged with any of the faculty listed. Students can also arrange to obtain Astronomy 300 credit for reading or research with scientific staff members of the Harvard-Smithsonian Center for Astrophysics; consult Astronomy Department office.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Astronomy 301

Recorded time for Teaching Fellows (208322)

Robert Scholten

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Please register for this course during the semesters you are teaching in both Astronomy department courses or any other department of the University. Typical TF position is .25 FTE which is equivalent to 4 units.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Astronomy 301

Recorded time for Teaching Fellows (208322)

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Please register for this course during the semesters you are teaching in both Astronomy department courses or any other department of the University. Typical TF position is .25 FTE which is equivalent to 4 units.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Astronomy 305

Topics in Origins of Life Research (161303)

Dimitar Sasselov

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This course will cover a broad range of contemporary topics in origins of life research through a set of 10 two-week modules taught by members of the Origins of Life Initiative faculty.

Enrolled students will be required to attend at least six of the offered modules over the course of two semesters. The course will meet twice per week, and each two week module will be comprised of a stand-alone topic with a single assignment.

Class Notes: **This course meets at the Center for Astrophysics, 60 Garden St, in the Classroom A-101. Actual class times are 2:00 - 3:15 pm**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Astronomy 308

Data Mining, Machine Learning, and Deep Learning for Astronomy (215413)

Jaehyon Rhee

2020 Spring (2 Credits) **Schedule:** R 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

One of the greatest challenges in modern astronomy is how to extract meaningful and interpretable results from data in a timely and systematic manner as astronomical data becomes extreme in volume, acquisition rate, and complexity. Using Python and R, this seminar course introduces modern data science methods and their applications along with real astronomical data sets. Topics include not only fundamental data mining (DM) and machine learning (ML) techniques (i.e., regression, classification, clustering, and time series analysis) but also select advanced deep learning (DL) and artificial intelligence (AI) algorithms (such as CNN, GAN, and RL). By the semester's end, students emerge with knowledge of and skills in data science that empower them to handle big data, carry out data analysis tasks, and interpret meaning out of

it. Although designed for astronomy major students, this course is for any student who wants to learn how modern science works with machine learning.

Class Notes: **This seminar is considered a half-semester course offering 2 units of credit. Students should review the syllabus before committing to the course to ensure that they have enough flexibility in their schedule to participate in the class and complete the assignments.**

Class Notes: **Course will meet Thursdays Feb 27 - Apr 16, 2020. Actual class times will be 9:30 AM - 12 Noon.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Astronomy 315

Ethics and Practice in Astronomy (205416)

Charles Conroy

2019 Fall (2 Credits) **Schedule:** R 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

This seminar course offers a survey in the following topics: the establishment of paradigms in astronomy; ethical behavior in astronomy; the underrepresentation of minorities and women in science; peer review and the scientific proposal process; the mentor-advisor relationship; professional conduct; careers in and beyond astronomy.

Course Notes: **This seminar is considered a half-semester course offering 2 units of credit. Students should review the syllabus before committing to the course to ensure they have enough flexibility in their schedule to complete the assignments and readings. Check with the instructor if you would prefer to audit the course.**

Class Notes: **Course will meet Sept 12 - Oct 31, 2019. Actual class times will be 2 - 4 PM.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biological Sciences in Dental Medicine

Subject: Bio Sciences in Dental Med

Bio Sciences in Dental Med 300

Research with Faculty (117895)

Yingzi Yang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Bio Sciences in Dental Med 300

Research with Faculty (117895)

Yingzi Yang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Biological Sciences in Public Health

Subject: Biological Sci in Public Hlth

Biological Sci in Public Hlth 201R

Laboratory Rotations (126402)

Brendan Manning

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Members of the Division of Biological Sciences offer hands-on experimental methods of research in biological sciences. Students write a paper and give an oral presentation regarding their 10-week laboratory project.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Biological Sci in Public Hlth 201R

Laboratory Rotations (126402)

Brendan Manning

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Members of the Division of Biological Sciences offer hands-on experimental methods of research in biological sciences. Students write a paper and give an oral presentation regarding their 10-week laboratory project.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Biological Sci in Public Hlth 208

Human Physiology (113276)

Nancy Long Sieber

Stephanie Shore

2019 Fall (4 Credits) **Schedule:** MW 0945 AM - 1114 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to the principles governing function in the human body designed to provide a framework in physiology for future public health researchers and professionals who have not taken college level physiology courses. Emphasis on the concept of homeostasis and on integrative aspects of physiology. Examples of pathophysiology and environmental physiology highlight these processes.

Course Notes: **Offered jointly with the School of Public Health as EH 205. Required lab.**

Class will take place in Kresge G2

Recommended Prep: **College-level introductory biology or permission of the instructor.**

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | All EH Degree Students, PHS EPI
Wave 2 | PHD BPH & Wave 1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | TBD
Wave 2 | TBD
Wave 3 | TBD

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biological Sci in Public Hlth 210

Pathophysiology of Human Disease (112431)

Nancy Long Sieber

Kristopher Sarosiek

2020 Spring (4 Credits) **Schedule:** MW 0200 PM - 0329 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Surveys major human disease problems in the cardiovascular, respiratory, hematopoietic, reproductive, and gastrointestinal systems. Emphasis on understanding the pathophysiologic basis of common disease manifestations and the pathogenesis of the disease process.

Course Notes: **Offered jointly with the School of Public Health as EH 208.**

Recommended Prep: **A college-level human physiology course.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Biological Sci in Public Hlth 215

Principles of Toxicology (115767)

Jin-Ah Park

2019 Fall (4 Credits) **Schedule:** MW 0945 AM - 1114 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Emphasizes mechanisms of injury and clinical consequences following exposures to environmental and occupational chemicals. Examines actions at the molecular, cellular, organ system, and organismal levels. Discusses methods for detecting, evaluating, analyzing, and combating toxic effects.

Course Notes: **Offered jointly with the School of Public Health as EH 504.**

Recommended Prep: **Organic chemistry and mammalian physiology or equivalent.**

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Degree Students
Wave 2 | BPH PHD & Wave 1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 08/16/2018 01:00PM – 08/28/2018 11:59PM
Wave 2 | 08/29/2018 12:00AM – 08/30/2018 11:59PM
Wave 3 | 08/31/2018 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Biological Sci in Public Hlth 219

Biological Sciences Communications (110521)

Brendan Manning

2019 Fall (4 Credits) **Schedule:** MW 0230 PM - 0359 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Emphasis of this course is effective scientific communication. Students will develop skills in writing and critiquing grants and scientific papers, learn about the grant application process, and present seminars that focus on structure, language and content appropriate for technical and lay audiences. Topics covered will apply to public health concerns in biological sciences across various disciplines.

Course Notes: **Required for all first year BPH PhD students.**

Class will take place in Building 2, Conference Room 102.

Cross-listed with DBS 205

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Biological Sci in Public Hlth 222 Section: 01

The Biological Basis of Human Nutrition (111293)

Frank M. Sacks

Jeremy Furtado

2020 Spring (4 Credits) **Schedule:** TR 0200 PM - 0329 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

A review of the biochemistry of carbohydrates, fats, proteins, vitamins, and minerals in the context of human disease. Contemporary topics are emphasized. Particular emphasis given to current knowledge of the mechanisms that may explain the role of diet in the causation and/or prevention of ischemic heart disease, diabetes, obesity, hypertension, and cancer. Recommended dietary intakes of selected nutrients are discussed in order to understand their limitations.

Course Notes: **Offered jointly with the Medical School as BPH 733.0 and with the School of Public Health as NUT 202.**

Recommended Prep: **Introductory nutrition course. Prior familiarity with nutrition and the health sciences expected, as well as a basic knowledge of biochemistry and human physiology.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Biological Sci in Public Hlth 250

Biology and Control of Vector-Borne Parasites (214578)

Barbara Burleigh

Daniel Neafsey

Flaminia Catteruccia

Deepali Ravel

2020 Spring (4 Credits) **Schedule:** MW 0200 PM - 0330 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

This advanced readings course focuses on a group of vector-borne parasitic protozoa and helminths that are responsible for the highest burden of disease in developing countries. Central themes in the biology of transmission, parasite-host interactions and opportunities for control will be covered in the framework of the unique biology of eukaryotic parasites including Plasmodium, Leishmania, trypanosomes and schistosomes. Weekly lectures from Harvard faculty and invited speakers will enhance critical readings of the current literature and student-led discussions, and will emphasize experimental approaches and mechanisms of parasitic infection from the perspective of molecular and cellular biology, genomics, and evolution. Final group presentations of short research proposals will be required. The primary course goal is for students to attain deep mechanistic understanding of select topics in vector-borne parasite biology and to be able to critically evaluate and explain to others the rationale and limitations of disease control measures.

The target audience for this course is early PhD students interested in parasite and vector biology as well as students in the Infectious Disease Epidemiology (ID-Epi) concentration or medical students.

Course Notes: **Offered jointly with School of Public Health as IID 250.**

Recommended Prep: **Strong background in molecular biology, cell biology, genetics; ability to critically read primary experimental literature. If you are unsure of your preparation for this class, please contact the course director.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Biological Sci in Public Hlth 302QC

Interdisciplinary Training in Pulmonary Sciences Part II (127599)

Quan Lu

2020 Spring (2 Credits) **Schedule:** F 0100 PM - 0159 PM
T 0945 AM - 1044 AM

Instructor Permissions: Instructor **Enrollment Cap:** 40

The intersection of environment and health is by necessity an interdisciplinary focus. The most promising advances in lung biology and respiratory disease are resulting from teams of scientists with diverse

disciplinary training, including biology, medicine, engineering, and physics. In addition to a strong foundation in a specific discipline, the ability to recognize and act upon opportunities presented by outside disciplines is a crucial skill. This course is designed to train scientists to approach lung biology and respiratory diseases with an interdisciplinary perspective, in particular by bridging the gap between life sciences and physical/engineering sciences. With a focus on laboratory sciences and on mechanistic levels of understanding, course materials will cover 3 main problem areas: asthma, air pollution, and lung infection. The course consists of weekly course-meetings (lectures and case-studies) plus weekly research seminars from the physiology program. Students will gain skills in recognizing the relative strengths and weaknesses of different disciplinary approaches applied to pulmonary sciences, in designing interdisciplinary experiments effectively, and in interpreting interdisciplinary results critically.

Course Notes: **Offered jointly with the School of Public Health as EH 513.**

Class runs from 1/27/20-5/15/20.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biological Sci in Public Hlth 304QC

Ecological and Epidemiological Control of Parasitic Diseases (127601)

Dyann Wirth

Manoj Duraisingh

Jeffrey Dvorin

2019 Fall (2 Credits) **Schedule:** MWF 0200 PM - 0329 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Provides an introduction to ecological and epidemiological concepts basic to the control of infectious agents. Considers important parasitic diseases of particular significance in the developing areas of the world. Epidemiological principles of vector-associated diseases are elucidated through study of entities such as malaria and schistosomiasis.

Course Notes: **Offered jointly with School of Public Health as IID 201.**

Recommended Prep: **Background in biology required; knowledge of pathogenesis of infectious diseases desirable.**

Fall 1 course. Class runs from 9/3/19-10/25/19.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Biological Sci in Public Hlth 305QC

Interdisciplinary Training in Pulmonary Sciences Part 1 (127602)

Quan Lu

2019 Fall (2 Credits) **Schedule:** F 0100 PM - 0159 PM
T 0945 AM - 1044 AM

Instructor Permissions: Instructor **Enrollment Cap:** 40

The intersection of environment and health is by necessity an interdisciplinary focus. The most promising advances in lung biology and respiratory disease are resulting from teams of scientists with diverse disciplinary training, including biology, medicine, engineering, and physics. In addition to a strong foundation in a specific discipline, the ability to recognize and act upon opportunities presented by outside disciplines is a crucial skill. This course is designed to train scientists to approach lung biology and respiratory diseases with an interdisciplinary perspective, in particular by bridging the gap between life sciences and physical/engineering sciences. With a focus on laboratory sciences and on mechanistic levels of understanding, course materials will cover 3 main problem areas: asthma, air pollution, and lung infection. The course consists of weekly course-meetings (lectures and case-studies) plus weekly research seminars from the physiology program. Students will gain skills in recognizing the relative strengths and weaknesses of different disciplinary approaches applied to pulmonary sciences, in designing interdisciplinary experiments effectively, and in interpreting interdisciplinary results critically.

Course Notes:

Offered jointly with School of Public Health as EH 512.

Class runs from 9/3/19-12/20/19

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Degree Students
Wave 2 | BPH PHD & Wave 1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | TBD
Wave 2 | TBD
Wave 3 | TBD

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biological Sci in Public Hlth 310QC

Molecular Mechanisms of Aging (127931)

William Mair

2020 Spring (2 Credits) **Schedule:** MF 0200 PM - 0329 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

We will explore molecular mechanisms underlying aging and aging-related disease. Topics will include nutrient signaling and energy metabolism, genome stability and proteostasis, interventional approaches to extended longevity, and theories of aging including the free radical theory. Recent and classic literature will be critically discussed.

Course Notes: **Course will next be offered in Spring 1 2020**

This course will be taught every other year (odd years). Offered jointly with the School of Public Health as GCD 212.

Recommended Prep: **Preference given to PhD students in HILS-affiliated programs (e.g., BPH, BBS, etc.)**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biological Sci in Public Hlth 312

Regulation of the Cellular Uptake of Macromolecular Nutrients (131478)

Marianne Wessling-resnick

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biological Sci in Public Hlth 314

BPH Student Internships (212709)

Brendan Manning

2020 Spring (2 Credits) **Schedule:** MTWRF -

Instructor Permissions: Instructor **Enrollment Cap:** 30

Internships are considered an integral part of a student's educational experience and should be viewed as a path toward a student's career development. As such, approved internships can receive academic credit via this course number.

Course Notes: **Ordinarily, each student will be limited to one internship during his/her PhD career. The internship must be discussed with the PI, DAC committee (or, program advisor, where applicable) and BPH program prior to approval. Not all students may be eligible for internships, due to program requirements, academic standing or advisor input.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Biological Sci in Public Hlth 314

BPH Student Internships (212709)

Brendan Manning

2019 Fall (2 Credits) **Schedule:** MTWRF -

Instructor Permissions: Instructor **Enrollment Cap:** 30

Internships are considered an integral part of a student's educational experience and should be viewed as a path toward a student's career development. As such, approved internships can receive academic credit via this course number.

Course Notes: **Ordinarily, each student will be limited to one internship during his/her PhD career. The internship must be discussed with the PI, DAC committee (or, program advisor, where applicable) and BPH program prior to approval. Not all students may be eligible for internships, due to program requirements, academic standing or advisor input.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biological Sci in Public Hlth 315

Molecular Genetic Analysis of Gene Expression and Drug Resistance in Parasitic Protozoan, Including (131484)

Dyann Wirth

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biological Sci in Public Hlth 315

Molecular Genetic Analysis of Gene Expression and Drug Resistance in Parasitic Protozoan, Including (131484)

Dyann Wirth

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Biological Sci in Public Hlth 318QC

Topics in Immunology and Infectious Diseases (214347)

Yonatan Grad

2019 Fall (2 Credits) **Schedule:** MW 1130 AM - 1259 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

The course will include student-led discussions that promote close reading, analysis, and evaulation of papers; attendance at the Department of Immunology and Infectious Diseases seminar series; and assessment of and discussion about oral science communication based on the seminars themselves. Lastly, the course will provide students with the opportunity to engage with leaders in the field. Topics will depend on the invited speakers' fields and the class' interests.

Course Notes: **Course takes place during Fall 2. For 2019 Fall 2 takes place from 10/28/2019 to 12/20/2019.**

Class location: Kresge 502 (HSPH)

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biological Sci in Public Hlth 319

Signaling Mechanisms of Peptide Hormones, Genetic and Molecular Basis of Obesity and Diabetes (123667)

Gokhan Hotamisligil

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biological Sci in Public Hlth 319

Signaling Mechanisms of Peptide Hormones, Genetic and Molecular Basis of Obesity and Diabetes (123667)

Gokhan Hotamisligil

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Biological Sci in Public Hlth 322

Study of Epidemiologic and Biological Characteristics of HIV Viruses in Africa (140160)

Phyllis Kanki

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biological Sci in Public Hlth 322

Study of Epidemiologic and Biological Characteristics of HIV Viruses in Africa (140160)

Phyllis Kanki

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Biological Sci in Public Hlth 323

Human Lipoprotein Metabolism: Biochemistry and Metabolic Modeling (116391)

Frank M. Sacks

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biological Sci in Public Hlth 323

Human Lipoprotein Metabolism: Biochemistry and Metabolic Modeling (116391)

Frank M. Sacks

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Biological Sci in Public Hlth 325

Assessment of the Impact of Workplace Pollutants on Health (121446)

David Christiani

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biological Sci in Public Hlth 325

Assessment of the Impact of Workplace Pollutants on Health (121446)

David Christiani

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biological Sci in Public Hlth 327 Section: 1

Scientific Course Related Work (208165)

2020 Spring (2 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Students may register for this course when independent work is being undertaken that is not specifically indicated in a numbered course.

Course Notes: **For GSAS PhD students only.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Biological Sci in Public Hlth 327 Section: 1

Scientific Course Related Work (208165)

2019 Fall (2 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Students may register for this course when independent work is being undertaken that is not specifically indicated in a numbered course.

Course Notes: **For GSAS PhD students only.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biological Sci in Public Hlth 328 Section: 1

Scientific Research Related Work (208167)

2019 Fall (2 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

This course may be used to indicate that research work is being undertaken that is not directly related to the student's dissertation work (i.e., additional laboratory research for a faculty member).

Course Notes: **For GSAS PhD students only.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biological Sci in Public Hlth 328 Section: 1

Scientific Research Related Work (208167)

2020 Spring (2 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

This course may be used to indicate that research work is being undertaken that is not directly related to the student's dissertation work (i.e., additional laboratory research for a faculty member).

Course Notes: **For GSAS PhD students only.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biological Sci in Public Hlth 329

Scientific Teaching Fellow Related Work (208168)

2020 Spring (2 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

This can be used to indicate that a student has received a teaching appointment and is engaged in teaching a course.

Course Notes: **For GSAS PhD students only.**

It is inappropriate for graduate students to receive credit for the same work for which they are financially compensated, therefore, this should be used and not the course being taught.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biological Sci in Public Hlth 329

Scientific Teaching Fellow Related Work (208168)

2019 Fall (2 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

This can be used to indicate that a student has received a teaching appointment and is engaged in teaching a course.

Course Notes: **For GSAS PhD students only.**

It is inappropriate for graduate students to receive credit for the same work for which they are financially compensated, therefore, this should be used and not the course being taught.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Biological Sci in Public Hlth 334

Molecular Basis of Host Cell Invasion, Signaling, Differentiation by the Human Pathogen, T. cruzi (112702)

Barbara Burleigh

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biological Sci in Public Hlth 334

Molecular Basis of Host Cell Invasion, Signaling, Differentiation by the Human Pathogen, T. cruzi (112702)

Barbara Burleigh

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biological Sci in Public Hlth 336

Study of Human and Primate T-lymphotrophic Retroviruses Including Agents that Cause AIDS (112704)

Myron Essex

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biological Sci in Public Hlth 336

Study of Human and Primate T-lymphotrophic Retroviruses Including Agents that Cause AIDS (112704)

Myron Essex

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biological Sci in Public Hlth 339

Mechanical Basis of Airway and Lung Parenchymal Function (112707)

Jeffrey Fredberg

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Biological Sci in Public Hlth 339

Mechanical Basis of Airway and Lung Parenchymal Function (112707)

Jeffrey Fredberg

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biological Sci in Public Hlth 357

Physiological and Pharmacological Aspects of Bronchoconstriction (112726)

Stephanie Shore

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biological Sci in Public Hlth 357

Physiological and Pharmacological Aspects of Bronchoconstriction (112726)

Stephanie Shore

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biological Sci in Public Hlth 358

Human Immunodeficiency Virus Envelope Glycoproteins and Vaccine Development (112727)

Joseph G. Sodroski

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Biological Sci in Public Hlth 358

Human Immunodeficiency Virus Envelope Glycoproteins and Vaccine Development (112727)

Joseph G. Sodroski

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biological Sci in Public Hlth 365

Virulence Factors of Mycobacteria (116290)

Eric J. Rubin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biological Sci in Public Hlth 365

Virulence Factors of Mycobacteria (116290)

Eric J. Rubin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Biological Sci in Public Hlth 366

Approaches to Population Biology and the Epidemiology of Infectious Diseases (116291)

Marc Lipsitch

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Biological Sci in Public Hlth 366

Approaches to Population Biology and the Epidemiology of Infectious Diseases (116291)

Marc Lipsitch

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biological Sci in Public Hlth 372

Molecular Mechanisms Underlying the Pathogenesis of Human Malaria (120257)

Manoj Duraisingh

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biological Sci in Public Hlth 372

Molecular Mechanisms Underlying the Pathogenesis of Human Malaria (120257)

Manoj Duraisingh

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Biological Sci in Public Hlth 374

Nuclear Lipid Receptors as Therapeutic Targets of Metabolic Diseases (121278)

Chih-Hao Lee

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Biological Sci in Public Hlth 374

Nuclear Lipid Receptors as Therapeutic Targets of Metabolic Diseases (121278)

Chih-Hao Lee

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biological Sci in Public Hlth 375

Signaling Pathways Underlying Tumorigenesis and Metabolic Diseases (121279)

Brendan Manning

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biological Sci in Public Hlth 375

Signaling Pathways Underlying Tumorigenesis and Metabolic Diseases (121279)

Brendan Manning

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Biological Sci in Public Hlth 376

Secretion and Pathogenesis in M. tuberculosis (123059)

Sarah Fortune

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biological Sci in Public Hlth 376

Secretion and Pathogenesis in M. tuberculosis (123059)

Sarah Fortune

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Biological Sci in Public Hlth 380

Interplay Between the Innate Immune System/Intestinal Microbial Communities (127157)

Wendy Garrett

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biological Sci in Public Hlth 380

Interplay Between the Innate Immune System/Intestinal Microbial Communities (127157)

Wendy Garrett

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biological Sci in Public Hlth 381

Receptor Signaling and Disease (127512)

Quan Lu

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biological Sci in Public Hlth 381

Receptor Signaling and Disease (127512)

Quan Lu

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biological Sci in Public Hlth 382

Aging, Stress Resistance and Dietary Restriction (107908)

James Mitchell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biological Sci in Public Hlth 382

Aging, Stress Resistance and Dietary Restriction (107908)

James Mitchell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Biological Sci in Public Hlth 383

Gene regulation and environmental epigenetics (109265)

Bernardo Lemos

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biological Sci in Public Hlth 383

Gene regulation and environmental epigenetics (109265)

Bernardo Lemos

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biological Sci in Public Hlth 384

Sex and Reproduction Anopheles gambiae: Targets for the Control of Malaria Transmission (109266)

Flaminia Catteruccia

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biological Sci in Public Hlth 384

Sex and Reproduction Anopheles gambiae: Targets for the Control of Malaria Transmission (109266)

Flaminia Catteruccia

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biological Sci in Public Hlth 385

The Molecular Genetics of Aging (109267)

William Mair

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Biological Sci in Public Hlth 385

The Molecular Genetics of Aging (109267)

William Mair

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biological Sci in Public Hlth 387

The Tumor Suppressor p53-mediated Stress Response in Human Cancer (109269)

Zhi-Min Yuan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biological Sci in Public Hlth 387

The Tumor Suppressor p53-mediated Stress Response in Human Cancer (109269)

Zhi-Min Yuan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Biological Sci in Public Hlth 388

Functional analysis of microbial communities and the human microbiome (109362)

Curtis Huttenhower

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biological Sci in Public Hlth 388

Functional analysis of microbial communities and the human microbiome (109362)

Curtis Huttenhower

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biological Sci in Public Hlth 389

Cell Metabolism: Biology and Disease (156651)

Robert Farese

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Biological Sci in Public Hlth 389 Section: 01

Cell Metabolism: Biology and Disease (156651)

Robert Farese

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Biological Sci in Public Hlth 390

Cellular Mechanisms of Lipid Homeostasis (156652)

Tobias Walther

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biological Sci in Public Hlth 390

Cellular Mechanisms of Lipid Homeostasis (156652)

Tobias Walther

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biological Sci in Public Hlth 391

The evolution and spread of pathogens (160461)

Yonatan Grad

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Biological Sci in Public Hlth 391

The evolution and spread of pathogens (160461)

Yonatan Grad

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Biological Sci in Public Hlth 393

Airway epithelium and chronic lung disease (203598)

Jin-Ah Park

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Airway epithelium and chronic lung disease

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biological Sci in Public Hlth 393

Airway epithelium and chronic lung disease (203598)

Jin-Ah Park

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Airway epithelium and chronic lung disease

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biological Sci in Public Hlth 394

DNA Repair and Personalized Medicine (204514)

Zachary Nagel

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biological Sci in Public Hlth 394

DNA Repair and Personalized Medicine (204514)

Zachary Nagel

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biological Sci in Public Hlth 395

Regulation of programmed cell death in health and disease (205566)

Kristopher Sarosiek

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biological Sci in Public Hlth 395

Regulation of programmed cell death in health and disease (205566)

Kristopher Sarosiek

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Biological Sci in Public Hlth 396

Evolutionary Genomics of Malaria Parasites and Mosquito Vectors (000396)

Daniel Neafsey

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Biological Sci in Public Hlth 396

Evolutionary Genomics of Malaria Parasites and Mosquito Vectors (000396)

Daniel Neafsey

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biomedical Engineering

Subject: Biomedical Engineering

Biomedical Engineering 110

Physiological Systems Analysis (150189)

Maurice Smith

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A survey of systems theory with applications from bioengineering and physiology. Analysis: differential equations, linear and nonlinear systems, stability, the complementary nature of time and frequency domain methods, feedback, and biological oscillations. Applications: nerve function, muscle dynamics, cardiovascular regulation. Laboratory: neural models, feedback control systems, properties of muscle, cardiovascular function.

Recommended Prep: **Engineering Sciences 53 (or equivalent); Physical Sciences 12b (or equivalent); and Math 21a and Math21b (or equivalents)**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Biomedical Engineering 121

Cellular Engineering (119067)

Kit Parker

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This is a combined introductory graduate/upper-level undergraduate course that focuses on examining modern techniques for manipulating cellular behavior and the application of these techniques to problems in the biomedical and biotechnological arenas. Applications in drug discovery, regenerative medicine, and cellular agriculture will be discussed. Topics will include controlling behavior of cells through cell-matrix interactions, cytoskeletal architecture, and cell behavior in processes such as angiogenesis and wound healing. Lectures will review fundamental concepts in cell biology before delving into topical examples from current literature. Students will work weekly in the lab learning cell culture techniques, soft lithography, microscopy, and classical in vitro assays measuring cell behavior.

Course Notes: **BE121 and ES222 are the same course. This course has a mandatory laboratory section that will require hands-on work outside of scheduled lecture times.**

Requirements: **Prerequisite: LS1a (or LPS A); LS 1b; Math 21b (or equivalent); Physical Sciences 12a and 12b (or equivalents); and Engineering Sciences 53; AND Co-requisite: Biomedical Engineering 110**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Biomedical Engineering 125

Tissue Engineering (121282)

David Mooney

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Fundamental engineering and biological principles underlying field of tissue engineering, along with examples and strategies to engineer specific tissues for clinical use. Students will prepare a paper in the field of tissue engineering, and participate in a weekly laboratory in which they will learn and use methods to fabricate materials and perform 3-D cell culture.

Recommended Prep: **LS1a, Chem17 or 20, or biochemistry and cell biology background.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Biomedical Engineering 128

Introduction to Biomedical Imaging and Systems (204470)

Linsey Moyer

2020 Spring (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 24

The course is designed as an introduction for students who want to gain both hands on training as well as an introduction to the physics and image reconstruction techniques involved in generating images. The course will introduce the fundamentals of the major imaging modalities including, but not limited to: electron microscopy, optical microscopy, x-ray, computed tomography, ultrasound, MRI, and nuclear imaging, as well as an overview of in vivo imaging and molecular imaging. This course also includes a lab section every other week.

Course Notes: **Enrollment limited to 24 students.**

Recommended Prep: **Physics, Calculus; Basic biology helpful but not required.**

Requirements: **Prerequisite: Applied Physics 50b OR Physical Sciences 12b OR Physics 15b OR PHYSCI 3 AND Math1b or higher**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students

Biomedical Engineering 129

Introduction to Bioelectronics (211359)

Jia Liu

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course provides an introduction to bioelectronics and its applications in neuroscience, neuroengineering, cardiology, wearable technology and so on. The focus is on the basic principles of bioelectricity, biochemistry and physiological behaviors of biological systems and how to design tools to precisely measure and control them. Key themes throughout the course will include bioelectricity, biochemistry, cellular and tissue physiological behavior, optogenetics, sensors, stimulators, circuits, signals, biointerface and applications. This includes both the practical and theoretical aspects of the topic.

Recommended Prep: **Applied Physics 50b (OR Physical Sciences 12b, OR Physics 15b), and Math 1a or equivalent. Some background in chemistry and biology at the level of ES 53 is helpful but not required.**

Requirements: **Prerequisite: LS1a or LPSa; Math 1b; and AP50b or Physical Sciences 12b (or equivalent)**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Biomedical Engineering 191

Introduction to Biomaterials (110020)

Jennifer Lewis

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 24

A biomaterial is any form of matter that is produced by or interacts with biological systems. One of the pillars of biomedical engineering is to use naturally derived and synthetic biomaterials to treat, augment, or replace human tissues. This course examines the structure, properties and processing of biomaterials.

Recommended Prep: **Physical sciences 1, Math 1b.**

Requirements: **Prerequisite: (LS 1A or LPS A or PS 1 or PS 11) AND (Math 1b or higher)**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Biophysics

Subject: Biophysics

Biophysics 170

Evolutionary and Quantitative Genomics (121318)

Leonid Mirny

2019 Fall (4 Credits) **Schedule:** MW 1100 AM - 1229 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Aims to develop deep quantitative understanding of basic forces of evolution, molecular evolution, genetic variations and their dynamics in populations, genetics of complex phenotypes, and genome-wide association studies. Application of these foundational concepts to cutting edge studies in epigenetics, gene regulation and chromatin; cancer genomics, and microbiomes. Modules consist of lectures, journal club discussions of high impact publications, and guest lectures that provide clinical correlates. Homework assignments and final projects aim to develop hands-on experience and understanding of genomic data from evolutionary principles.

Course Notes: **Also listed as HST.508**
Meets on MIT Campus for 2019 Fall semester.
Mondays & Wednesdays 11:00 am-12:30pm. Bldg. 66, Room 160

Class Notes: **Class meets in Building 66, Room 160 on the MIT Campus. First day of class is Wednesday, September 4th**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Biophysics 205

Computational and Functional Genomics (119807)

Martha Bulyk

Shamil Sunyaev

Peter Sorger

2020 Spring (4 Credits) **Schedule:** MW 0230 PM - 0400 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Experimental functional genomics, computational prediction of gene function, and properties and models of complex biological systems. The course will primarily involve critical reading and discussion rather than lectures.

Class Notes: **Meets on Harvard Medical School Campus.**
Folin Wu Room, Bldg. C, Room 115, 240 Longwood Avenue, Boston.

Recommended Prep: **Molecular Biology (MCB 52 or equivalent), solid understanding of basic probability and statistics.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Biophysics 242R

Special Topics in Biophysics (117635)

Venkatesh Murthy

Martha Bulyk

Maofu Liao

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1029 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Biophysical topics emerging from special interest research not normally available in established curriculum. The 2019-20 year's course focuses on the theory and practice of cryo-electron microscopy (cryo-EM) with a particular emphasis on single-particle cryo-EM. Three parts run in parallel throughout the course: general theory lectures, guest lectures on specific subjects, and hands-on sessions on basic image processing. General theory lectures cover electron microscope, image formation, sample preparation, two- and three-dimensional classification, revolutionary technical advancement, and future directions. Guest lectures showcase exciting examples of the application of cryo-EM in different research areas. Hands-on sessions include the steps from image pre-processing to particle classification and refinement. Students will have a good understanding of how to plan, perform, optimize and evaluate single-particle cryo-EM work.

Course Notes: **Weekly lectures with discussion sections, guest lectures and hands-on experience.**

Class Notes: **Meets on Harvard Medical School Campus.**

Folin Wu Room, Bldg. C, Room 115, 240 Longwood Avenue, Boston.

(Exceptions on 2nd Tuesday of each month. Class will meet in Seeley G. Mudd 3rd Floor Conference Room on these three dates -Feb. 11, Mar. 10, Apr. 14).

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Biophysics 300

Introduction to Laboratory Research (121518)

Venkatesh Murthy

Martha Bulyk

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Introductory lectures by associated Biophysics faculty members. Lectures Fall semester only accompanied by three periods of instruction in laboratories of structural biology, cell and membrane biophysics, molecular genetics and development, neurobiology, bioinformatics, and physical biochemistry.

Course Notes: **Fall semester only: meets on both the Cambridge and HMS campuses. Contact department Admin for fall course location and individual faculty member presentation schedule.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biophysics 300

Introduction to Laboratory Research (121518)

Venkatesh Murthy

Martha Bulyk

2019 Fall (4 Credits) **Schedule:** MWF 0430 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 50

Introductory lectures by associated Biophysics faculty members. Lectures Fall semester only accompanied by three periods of instruction in laboratories of structural biology, cell and membrane biophysics, molecular genetics and development, neurobiology, bioinformatics, and physical biochemistry.

Course Notes: **Fall semester only: meets on both the Cambridge and HMS campuses. Contact department Admin for fall course location and individual faculty member presentation schedule.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Biophysics 301

Quantitative Proteomics of Cancer Progression (122043)

Jarrod Marto

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 50

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Biophysics 301

Quantitative Proteomics of Cancer Progression (122043)

Jarrod Marto

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biophysics 302

Quantitative Analysis of Regulatory Networks (123175)

Erin O'Shea

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biophysics 302

Quantitative Analysis of Regulatory Networks (123175)

Erin O'Shea

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biophysics 303

NMR Studies of Macromolecular Structure and Function (117817)

Gerhard Wagner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biophysics 303

NMR Studies of Macromolecular Structure and Function (117817)

Gerhard Wagner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biophysics 304

Basic Mechanisms of T cell Mediated Autoimmune Diseases (122044)

Kai Wucherpfennig

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biophysics 304

Basic Mechanisms of T cell Mediated Autoimmune Diseases (122044)

Kai Wucherpfennig

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biophysics 305

Experimental Atomic Physics, Biophysics, and Soft Matter Physics (122045)

Ronald Walsworth

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biophysics 305

Experimental Atomic Physics, Biophysics, and Soft Matter Physics (122045)

Ronald Walsworth

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biophysics 306

Quantitative Models of Cellular Behavior to Investigate Protein Function (122046)

Jagesh Shah

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biophysics 306

Quantitative Models of Cellular Behavior to Investigate Protein Function (122046)

Jagesh Shah

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Biophysics 307

Dynamics of Network Motifs in Single Living Human Cells (122047)

Galit Lahav

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biophysics 307

Dynamics of Network Motifs in Single Living Human Cells (122047)

Galit Lahav

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Biophysics 309

Motile Behavior of Bacteria (111234)

Howard Berg

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Biophysics 309

Motile Behavior of Bacteria (111234)

Howard Berg

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biophysics 310

Sensory Information in Neuronal Processes (123176)

Naoshige Uchida

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Biophysics 310

Sensory Information in Neuronal Processes (123176)

Naoshige Uchida

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biophysics 311

Digital Computer Applications in Biophysics (144404)

William Bossert

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biophysics 311

Digital Computer Applications in Biophysics (144404)

William Bossert

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biophysics 312

Multiphoton Microscopy in Imaging Alzheimer's Disease (123177)

Brian Bacskai

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biophysics 312

Multiphoton Microscopy in Imaging Alzheimer's Disease (123177)

Brian Bacskai

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biophysics 313

Neurobiology of Vocal Learning (124781)

Bence Olveczky

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biophysics 313

Neurobiology of Vocal Learning (124781)

Bence Olveczky

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Biophysics 315

Structural Molecular Biology (111966)

Stephen Harrison

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Biophysics 315

Structural Molecular Biology (111966)

Stephen Harrison

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biophysics 319

Analysis of Structure and Function of Nicotinic Acetylcholine Receptors (125771)

Adam Cohen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Biophysics 319

Analysis of Structure and Function of Nicotinic Acetylcholine Receptors (125771)

Adam Cohen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biophysics 321

Physical Biology of Chromosomes (120940)

Nancy Kleckner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biophysics 321

Physical Biology of Chromosomes (120940)

Nancy Kleckner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biophysics 322

Structural Diversification of Very Long-Chain Fatty Acids (125775)

Vladimir Denic

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biophysics 322

Structural Diversification of Very Long-Chain Fatty Acids (125775)

Vladimir Denic

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Biophysics 323

Transcriptional Regulatory Circuits and Neuronal Circuits in Visual Recognition (127669)

Gabriel Kreiman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Biophysics 323

Transcriptional Regulatory Circuits and Neuronal Circuits in Visual Recognition (127669)

Gabriel Kreiman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biophysics 324

Conformational Changes in Macromolecules (125778)

Collin Stultz

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Biophysics 324

Conformational Changes in Macromolecules (125778)

Collin Stultz

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biophysics 325

Physics of Macromolecular Assemblies and Subcellular Organization (125776)

Daniel Needleman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biophysics 325

Physics of Macromolecular Assemblies and Subcellular Organization (125776)

Daniel Needleman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biophysics 326

Statistical and Continuum Mechanics of Macromolecular Assemblies (125779)

L Mahadevan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biophysics 326

Statistical and Continuum Mechanics of Macromolecular Assemblies (125779)

L Mahadevan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biophysics 327

Molecular Genetics (113737)

Frederick Ausubel

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biophysics 327

Molecular Genetics (113737)

Frederick Ausubel

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biophysics 329

Computational and Functional Genomics (113921)

George Church

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biophysics 329

Computational and Functional Genomics (113921)

George Church

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biophysics 330

Principles of Self vs. Non-self RNA Discrimination by the Immune System (126673)

Sun Hur

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biophysics 330

Principles of Self vs. Non-self RNA Discrimination by the Immune System (126673)

Sun Hur

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Biophysics 331

Communication of Information In and Between Cells and Organisms (126674)

Erel Levine

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biophysics 331

Communication of Information In and Between Cells and Organisms (126674)

Erel Levine

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biophysics 333

Topics in Biophysics and Molecular Biology (111143)

Brian Seed

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Biophysics 333

Topics in Biophysics and Molecular Biology (111143)

Brian Seed

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Biophysics 334

Decision Making in Cells and Organisms (126675)

Sharad Ramanathan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biophysics 334

Decision Making in Cells and Organisms (126675)

Sharad Ramanathan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Biophysics 335

Developing novel single-molecule methods to study multi-protein complexes (127686)

Joseph John Loparo

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biophysics 335

Developing novel single-molecule methods to study multi-protein complexes (127686)

Joseph John Loparo

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biophysics 336

Mass Spectrometric and Proteomic Studies of the Cell Cycle (126676)

Hanno Steen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biophysics 336

Mass Spectrometric and Proteomic Studies of the Cell Cycle (126676)

Hanno Steen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biophysics 337

Membrane Structure and Function (111008)

Keith Miller

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Biophysics 337

Membrane Structure and Function (111008)

Keith Miller

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biophysics 338

Foundation of Information Directed Molecular Technology: Programming Nucleic Acid Self-Assembly (127687)

Peng Yin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biophysics 338

Foundation of Information Directed Molecular Technology: Programming Nucleic Acid Self-Assembly (127687)

Peng Yin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biophysics 339

Theoretical and Experimental Approaches to Study Genetic Variation within Populations (127688)

Michael Desai

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biophysics 339

Theoretical and Experimental Approaches to Study Genetic Variation within Populations (127688)

Michael Desai

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biophysics 340

Novel Theory and Experiments in NMR Spectroscopy (127689)

Andrew Kiruluta

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biophysics 340

Novel Theory and Experiments in NMR Spectroscopy (127689)

Andrew Kiruluta

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Biophysics 341

Structure and Function of Ligand-Gated Ion Channels (121622)

Jonathan Cohen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biophysics 341

Structure and Function of Ligand-Gated Ion Channels (121622)

Jonathan Cohen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biophysics 342

Novel Optical Detection for Treatment and Monitoring Approaches Targeting Major Disease (127690)

Conor Evans

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Biophysics 342

Novel Optical Detection for Treatment and Monitoring Approaches Targeting Major Disease (127690)

Conor Evans

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biophysics 343

Theoretical Protein Science, Bioinformatics, Computational Chemistry (120068)

Eugene Shakhnovich

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biophysics 343

Theoretical Protein Science, Bioinformatics, Computational Chemistry (120068)

Eugene Shakhnovich

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biophysics 344

Directed Evolution and Design of Simple Cellular Systems (118046)

Jack Szostak

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biophysics 344

Directed Evolution and Design of Simple Cellular Systems (118046)

Jack Szostak

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biophysics 345

Regulation of RNA Polymerase Motor Mechanism In Vivo (156013)

Stirling Churchman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biophysics 345

Regulation of RNA Polymerase Motor Mechanism In Vivo (156013)

Stirling Churchman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Biophysics 346

Biofilm Dynamics (116418)

Roberto Kolter

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biophysics 346

Biofilm Dynamics (116418)

Roberto Kolter

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biophysics 347

Membrane Dynamics; Membrane Structure (116349)

David Golan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biophysics 347

Membrane Dynamics; Membrane Structure (116349)

David Golan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Biophysics 348

Protein Kinases, Reversible Protein Phosphorylation (114665)

Raymond Erikson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biophysics 348

Protein Kinases, Reversible Protein Phosphorylation (114665)

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biophysics 349

Structural Biochemistry and Cell Biology of Intracellular Membrane Traffic (113957)

Tomas Kirchhausen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biophysics 349

Structural Biochemistry and Cell Biology of Intracellular Membrane Traffic (113957)

Tomas Kirchhausen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biophysics 350

Organization, Structure and Dynamics of Prokaryotic Cytoplasm (156014)

Ethan Garner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Biophysics 350

Organization, Structure and Dynamics of Prokaryotic Cytoplasm (156014)

Ethan Garner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biophysics 352

Mechanical Force in Nanoscale Biology; Hemostasis to Single-Molecule Centrifugation (156015)

Wesley Wong

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biophysics 352

Mechanical Force in Nanoscale Biology; Hemostasis to Single-Molecule Centrifugation (156015)

Wesley Wong

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biophysics 353

Molecular Genetics of Development (114897)

Gary Ruvkun

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biophysics 353

Molecular Genetics of Development (114897)

Gary Ruvkun

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biophysics 354

Structural Biology and Cancer Drug Discovery (113908)

Gregory Verdine

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biophysics 354

Structural Biology and Cancer Drug Discovery (113908)

Gregory Verdine

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biophysics 355

Chemical Genetics and Genomics (112211)

Stuart Schreiber

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biophysics 355

Chemical Genetics and Genomics (112211)

Stuart Schreiber

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biophysics 360

Functional Mapping of Neurons and their Axonal Inputs Across Cortical Laminae (156016)

Mark Andermann

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biophysics 360

Functional Mapping of Neurons and their Axonal Inputs Across Cortical Laminae (156016)

Mark Andermann

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Biophysics 361

Rational Drug Design; Biomaterials Science; Biophysics (120322)

George Whitesides

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Biophysics 361

Rational Drug Design; Biomaterials Science; Biophysics (120322)

George Whitesides

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biophysics 362

Molecular Physiology of Ion Channels (113415)

Gary Yellen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Biophysics 362

Molecular Physiology of Ion Channels (113415)

Gary Yellen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biophysics 363

Biophysics of Receptor-Ligand Interactions (124197)

Stephen Blacklow

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biophysics 363

Biophysics of Receptor-Ligand Interactions (124197)

Stephen Blacklow

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biophysics 364

Systems Cell Biology (116372)

Pamela Silver

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Biophysics 364

Systems Cell Biology (116372)

Pamela Silver

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biophysics 365

Visual Processing in Primates (112369)

John Assad

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biophysics 365

Visual Processing in Primates (112369)

John Assad

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Biophysics 366

Imaging, Optics, and Biology (115666)

David Clapham

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Biophysics 366

Imaging, Optics, and Biology (115666)

David Clapham

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biophysics 367

Structure Biology of Cytoplasmic Signal Transduction (115667)

Michael Eck

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biophysics 367

Structure Biology of Cytoplasmic Signal Transduction (115667)

Michael Eck

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Biophysics 368

Probing Polymers with Nanospores, Experimental Condensed Matter Physics (115668)

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biophysics 369

Organic Chemistry and Chemical Biology of Molecular Evolution (115669)

David Liu

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biophysics 369

Organic Chemistry and Chemical Biology of Molecular Evolution (115669)

David Liu

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biophysics 370

Cytoskeleton Dynamics; Mitosis and Cell Locomotion; Small Molecule Inhibitors (115670)

Timothy Mitchison

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biophysics 370

Cytoskeleton Dynamics; Mitosis and Cell Locomotion; Small Molecule Inhibitors (115670)

Timothy Mitchison

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biophysics 371

Mechanisms of Synaptic Transmission and Plasticity (115671)

Venkatesh Murthy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biophysics 371

Mechanisms of Synaptic Transmission and Plasticity (115671)

Venkatesh Murthy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Biophysics 372

Protein Transport Across the ER Membrane (115673)

Tom Rapoport

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biophysics 372

Protein Transport Across the ER Membrane (115673)

Tom Rapoport

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biophysics 373

DNA Replication and Repair Mechanisms that Suppress Genomic Instability (156017)

Johannes Walter

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biophysics 373

DNA Replication and Repair Mechanisms that Suppress Genomic Instability (156017)

Johannes Walter

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biophysics 375

Single-Molecule Biophysics (115676)

Xiaoliang Xie

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biophysics 375

Single-Molecule Biophysics (115676)

Xiaoliang Xie

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biophysics 376

Functional and Computational Genomics Studies of Transcription Factors and Cis Regulatory Elements (116572)

Martha Bulyk

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biophysics 376

Functional and Computational Genomics Studies of Transcription Factors and Cis Regulatory Elements (116572)

Martha Bulyk

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biophysics 377

Statistical Theory and Inference for Stochastic Processes: With Applications to Bioinformatics (116573)

Jun Liu

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biophysics 377

Statistical Theory and Inference for Stochastic Processes: With Applications to Bioinformatics (116573)

Jun Liu

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biophysics 378

Structural and Cellular Biology of Insulin Signal Transduction (116574)

Steven Shoelson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biophysics 378

Structural and Cellular Biology of Insulin Signal Transduction (116574)

Steven Shoelson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biophysics 379

Theoretical Population Genetics (116575)

John Wakeley

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Biophysics 380

Microarray Data: Issues and Challenges (116576)

Leonid Mirny

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Biophysics 380

Microarray Data: Issues and Challenges (116576)

Leonid Mirny

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biophysics 381

Single-Molecule Biophysics (116577)

Xiaowei Zhuang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Biophysics 381

Single-Molecule Biophysics (116577)

Xiaowei Zhuang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biophysics 382

Regulation of Synaptic Transmission and Dendritic Function in the Mammalian Brain (116678)

Bernardo Sabatini

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Biophysics 382

Regulation of Synaptic Transmission and Dendritic Function in the Mammalian Brain (116678)

Bernardo Sabatini

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biophysics 384

NMR Spectroscopy on Membrane-associated Proteins and Peptides (119221)

James Chou

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biophysics 384

NMR Spectroscopy on Membrane-associated Proteins and Peptides (119221)

James Chou

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biophysics 386

Synaptic Plasticity and Neuronal Networks (118091)

Florian Engert

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biophysics 386

Synaptic Plasticity and Neuronal Networks (118091)

Florian Engert

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biophysics 387

Structural Studies of the Stereochemistry of Signaling and Transport through Biological Membranes (118092)

Rachelle Gaudet

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biophysics 387

Structural Studies of the Stereochemistry of Signaling and Transport through Biological Membranes (118092)

Rachelle Gaudet

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biophysics 390

Regulation of Mitosis (118096)

Andrew Murray

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biophysics 390

Regulation of Mitosis (118096)

Andrew Murray

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Biophysics 391

Computational Methods in Genetics, Genomics and Proteomics (118097)

Shamil Sunyaev

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biophysics 391

Computational Methods in Genetics, Genomics and Proteomics (118097)

Shamil Sunyaev

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Biophysics 392

Biophysics of Mechanosensation (119222)

David Corey

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biophysics 392

Biophysics of Mechanosensation (119222)

David Corey

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biophysics 393

The Mechanics and Regulation of Mitosis (119223)

David Pellman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biophysics 393

The Mechanics and Regulation of Mitosis (119223)

David Pellman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biophysics 394

Experimental Biophysics (119225)

Mara Prentiss

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biophysics 394

Experimental Biophysics (119225)

Mara Prentiss

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Biophysics 395

Biophysics of Cell Adhesion and Vascular Shear Flow (119226)

Timothy Springer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Biophysics 395

Biophysics of Cell Adhesion and Vascular Shear Flow (119226)

Timothy Springer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biophysics 396

Behavioral Neuroscience and Neurophysiology (119227)

Aravinthan Samuel

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biophysics 396

Behavioral Neuroscience and Neurophysiology (119227)

Aravinthan Samuel

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biophysics 397

Research in Integrin Signaling, Cytoskeleton, and Control of Angiogenesis (120730)

Donald Ingber

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Biophysics 397

Research in Integrin Signaling, Cytoskeleton, and Control of Angiogenesis (120730)

Donald Ingber

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biophysics 399

Biomolecular Nanotechnology (122042)

William Shih

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biophysics 399

Biomolecular Nanotechnology (122042)

William Shih

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biophysics 3000 Section: 1

Graduate Research Course (003000)

2020 Spring (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

For students carrying out dissertation research in Biophysics.

Class Notes: **Graduate Research Course**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Biophysics 3000 Section: 1

Graduate Research Course (003000)

2019 Fall (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

For students carrying out dissertation research in Biophysics.

Class Notes: **Graduate Research Course**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biostatistics

Subject: Biostatistics

Biostatistics 230

Probability Theory and Applications I (119844)

Marcello Pagano

2019 Fall (4 Credits) **Schedule:** MW 0200 PM - 0330 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Axiomatic foundations of probability, independence, conditional probability, joint distributions, transformations, moment generating functions, characteristic functions, moment inequalities, sampling distributions, modes of convergence and their interrelationships, laws of large numbers, central limit theorem, and stochastic processes.

Course Notes: **Offered jointly with the School of Public Health as BST230.**

Requirements: **Prerequisite: Biostatistics PhD Program**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Biostatistics 231

Statistical Inference I (119845)

Robert Gray

2020 Spring (4 Credits) **Schedule:** MW 0945 AM - 1115 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Exponential families, sufficiency, ancillarity, completeness, method of moments, maximum likelihood, unbiased estimation, Rao-Blackwell and Lehmann-Scheffe theorems, information inequality, Neyman-Pearson theory, likelihood ratio, score and Wald tests, uniformly and locally most powerful tests, asymptotic relative efficiency.

Course Notes: **Offered jointly with the School of Public Health as BST231.**

Requirements: **Prerequisite: Biostatistics 230**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 232

Methods I (119846)

Brent Coull

2019 Fall (4 Credits) **Schedule:** MW 0800 AM - 0930 AM

Instructor Permissions: Instructor **Enrollment Cap:** 35

Introductory course in the analysis of Gaussian and categorical data. The general linear regression model, ANOVA, robust alternatives based on permutations, model building, resampling methods (bootstrap and jackknife), contingency tables, exact methods, logistic regression.

Course Notes: **Offered jointly with the School of Public Health as BST232.**

Recommended Prep: **Signature of instructor required if prereq not met.**

Requirements: **Prerequisite: Biostatistics PhD Program**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Biostatistics 234

Introduction to Data Structures and Algorithms (160641)

Christoph Lange

Georg Hahn

2020 Spring (4 Credits) **Schedule:** MW 1130 AM - 0100 PM

Instructor Permissions: Instructor **Enrollment Cap:** 35

Introduction to the data structures and computer algorithms that are relevant to statistical computing. The implementation of data structures and algorithms for data management and numerical computations are discussed.

Course Notes: **Offered jointly with the School of Public Health as BST 234.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Biostatistics 235

Advanced Regression and Statistical Learning (119848)

Rajarshi Mukherjee

2019 Fall (4 Credits) **Schedule:** MW 0945 AM - 1115 AM

Instructor Permissions: Instructor **Enrollment Cap:** 20

An advanced course in linear models, including both classical theory and methods for high dimensional data. Topics include theory of estimation and hypothesis testing, multiple testing problems and false discovery rates, cross validation and model selection, regularization and the LASSO, principal components and dimension reduction, and classification methods. Background in matrix algebra and linear regression required.

Course Notes: **Offered jointly with the School of Public Health as BST235.**

Requirements: **Prerequisite: Biostatistics 231 AND Biostatistics 232**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 238

Principles and Advanced Topics in Clinical Trials (125262)

David Wypij

2020 Spring (4 Credits) **Schedule:** MW 0200 PM - 0330 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This course focuses on selected advanced topics in design, analysis, and interpretation of clinical trials, including study design; choice of endpoints (including surrogate endpoints); interim analyses and group sequential methods; subgroup analyses; and meta-analyses.

Course Notes: **Offered jointly with the School of Public Health as BST 214 & BST 238.**

Requirements: **Prerequisite: BIST 230 AND BIST 231 (may be taken concurrently)**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 240

Probability Theory and Applications II (119854)

Lorenzo Trippa

2019 Fall (4 Credits) **Schedule:** MW 0200 PM - 0330 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

A foundational course in measure theoretic probability. Topics include measure theory, Lebesgue integration, product measure and Fubini's Theorem, Radon-Nikodym derivatives, conditional probability, conditional expectation, limit theorems on sequences of random variables, stochastic processes, and weak

convergence.

Course Notes: **Offered jointly with the School of Public Health as BST240.**

Requirements: **Prerequisite: Biostatistics 231**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 241

Statistical Inference II (119855)

Rui Wang

2020 Spring (4 Credits) **Schedule:** TR 0200 PM - 0330 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Advanced topics in statistical inference. Limit theorems, multivariate delta method, properties of maximum likelihood estimators, saddle point approximations, asymptotic relative efficiency, robust and rank-based procedures, resampling methods, nonparametric curve estimation.

Course Notes: **Offered jointly with the School of Public Health as BST 241.**

Requirements: **Prerequisite: Biostatistics 240**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Biostatistics 245 Section: 1

Analysis of Multivariate and Longitudinal Data (119850)

Sebastien Haneuse

2020 Spring (4 Credits) **Schedule:** TR 0945 AM - 1115 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

The multivariate normal distribution, Hotelling's T2, MANOVA, repeated measures, the multivariate linear model, random effects and growth curve models, generalized estimating equations, multivariate categorical outcomes, missing data, computational issues for traditional and new methodologies.

Course Notes: **Offered jointly with the School of Public Health as BST 245.**

Requirements: **Prerequisite: Biostatistics 231 AND Biostatistics 235**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

Biostatistics 249

Bayesian Methodology in Biostatistics (119853)

Jeffrey Miller

2020 Spring (4 Credits) **Schedule:** TR 0345 PM - 0515 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

General principles of the Bayesian approach, prior distributions, hierarchical models and modeling techniques, approximate inference, Markov chain Monte Carlo methods, model assessment and comparison. Bayesian approaches to GLMMs, multiple testing, nonparametrics, clinical trials, survival analysis.

Course Notes: **Offered jointly with the School of Public Health as BST249.**

Requirements: **Prerequisite: Biostatistics 231 AND Biostatistics 232**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 281

Genomic Data Manipulation (126944)

Curtis Huttenhower

Eric Franzosa

2020 Spring (4 Credits) **Schedule:** MW 0345 PM - 0515 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Introduction to genomic data, computational methods for interpreting these data, and survey of current functional genomics research. Covers biological data processing, programming for large datasets, high-throughput data (sequencing, proteomics, expression, etc.), and related publications.

Course Notes: **Offered jointly with the School of Public Health as BST 281.**

Requirements: **Prerequisite: BST 272 or BST 273**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

FAS Divisional Distribution	Science & Engineering & Applied Science

Biostatistics 282

Introduction to Computational Biology and Bioinformatics (126946)

Xiaole (Shirley) Liu

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Basic biological problems, genomics technology platforms, algorithms and data analysis approaches in computational biology. There will be three major components of the course: microarray and RNA-seq analysis, transcription and epigenetic gene regulation, cancer genomics.

This course is targeted at both biostatistics and biological science graduate students with some statistics and computer programming background who have an interest in exploring genomic data analysis and algorithm development as a potential future direction.

Course Notes: **Offered jointly with the School of Public Health as BST 282.**

Class Notes: **This course is also offered as STAT 215/STAT 115.**

Recommended Prep: **Biostatistics degree program or Computational Biology and Quantitative Genetics degree program**

Requirements: **Prerequisite: STAT 110 OR CS 50 OR BIOSTAT PhD Students**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 311

Teaching Assistant (211229)

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Work with instructors in the department in laboratory instruction and other teaching-related duties.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Biostatistics 311

Teaching Assistant (211229)

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Work with instructors in the department in laboratory instruction and other teaching-related duties.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Not Available for Cross Registration

Biostatistics 350

Research (119866)

Corwin Zigler

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biostatistics 350

Research (119866)

Corwin Zigler

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS Course Roll	FAS Course Roll

FAS: Course Level	Graduate Course

Biostatistics 350 Section: 002

Research (119866)

Paige Williams

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biostatistics 350 Section: 002

Research (119866)

Paige Williams

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Biostatistics 350 Section: 004

Research (119866)

Eric Tchetgen Tchetgen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biostatistics 350 Section: 004

Research (119866)

Eric Tchetgen Tchetgen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Biostatistics 350 Section: 005

Research (119866)

Rajarshi Mukherjee

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Biostatistics 350 Section: 005

Research (119866)

Michael Hughes

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Biostatistics 350 Section: 006

Research (119866)

Junwei Lu

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 350 Section: 007

Research (119866)

John Quackenbush

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biostatistics 350 Section: 007

Research (119866)

John Quackenbush

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science

Biostatistics 350 Section: 008

Research (119866)

Alkes Price

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biostatistics 350 Section: 008

Research (119866)

Alkes Price

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course

Biostatistics 350 Section: 009

Research (119866)

Giovanni Parmigiani

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 350 Section: 009

Research (119866)

Giovanni Parmigiani

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 350 Section: 010

Research (119866)

Jukka-Pekka Onnela

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science

FAS Course Roll	FAS Course Roll

Biostatistics 350 Section: 010

Research (119866)

Jukka-Pekka Onnela

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science

Biostatistics 350 Section: 011

Research (119866)

Franziska Michor

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 350 Section: 011

Research (119866)

Franziska Michor

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 350 Section: 012

Research (119866)

Xihong Lin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 350 Section: 012

Research (119866)

Xihong Lin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 350 Section: 013

Research (119866)

Peter Kraft

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science

Biostatistics 350 Section: 013

Research (119866)

Peter Kraft

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 350 Section: 014

Research (119866)

Rafael A. Irizarry

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course

Biostatistics 350 Section: 014

Research (119866)

Rafael A. Irizarry

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course

Biostatistics 350 Section: 015

Research (119866)

Curtis Huttenhower

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science

Biostatistics 350 Section: 015

Research (119866)

Curtis Huttenhower

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science

Biostatistics 350 Section: 016

Research (119866)

Sebastien Haneuse

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biostatistics 350 Section: 016

Research (119866)

Sebastien Haneuse

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 350 Section: 017

Research (119866)

Francesca Dominici

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

FAS Course Roll	FAS Course Roll

Biostatistics 350 Section: 017

Research (119866)

Francesca Dominici

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science

Biostatistics 350 Section: 018

Research (119866)

Marcello Pagano

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biostatistics 350 Section: 018

Research (119866)

Marcello Pagano

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biostatistics 350 Section: 019

Research (119866)

Brent Coull

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 350 Section: 019

Research (119866)

Brent Coull

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Biostatistics 350 Section: 020

Research (119866)

Tianxi Cai

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 350 Section: 020

Research (119866)

Tianxi Cai

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Biostatistics 350 Section: 021

Research (119866)

Christoph Lange

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Biostatistics 350 Section: 022

Research (119866)

Michael Hughes

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Biostatistics 350 Section: 023

Research (119866)

Junwei Lu

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science

Biostatistics 350 Section: 025

Research (119866)

Lorenzo Trippa

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 350 Section: 025

Research (119866)

Lorenzo Trippa

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science

Biostatistics 350 Section: 026

Research (119866)

Guo-Cheng Yuan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biostatistics 350 Section: 026

Research (119866)

Guo-Cheng Yuan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Graduate Course

Biostatistics 350 Section: 027

Research (119866)

Martin Aryee

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biostatistics 350 Section: 027

Research (119866)

Martin Aryee

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biostatistics 350 Section: 028

Research (119866)

Molin Wang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biostatistics 350 Section: 028

Research (119866)

Molin Wang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biostatistics 350 Section: 029

Research (119866)

Rui Wang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Biostatistics 350 Section: 029

Research (119866)

Rui Wang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biostatistics 350 Section: 030

Research (119866)

Jeffrey Miller

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biostatistics 350 Section: 030

Research (119866)

Jeffrey Miller

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biostatistics 350 Section: 031

Research (119866)

kimberly Glass

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 350 Section: 031

Research (119866)

kimberly Glass

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their written qualifying examination and who are undertaking advanced work along the lines of fundamental or applied dissertation research in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Harvard Business School Doctoral

Subject: Business Doctoral

Business Doctoral 3000

Reading and Research (210871)

2019 Fall (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Students in the PhD in Business Administration, Business Economics, Organizational Behavior, or Health Policy (management track) should enroll in this course for up to 16 credits to indicate time spent researching and reading in relation to the their doctoral studies.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Business Doctoral 3000

Reading and Research (210871)

2020 Spring (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Students in the PhD in Business Administration, Business Economics, Organizational Behavior, or Health Policy (management track) should enroll in this course for up to 16 credits to indicate time spent researching and reading in relation to the their doctoral studies.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Celtic Languages and Literatures

Subject: Celtic

Celtic 91R

Supervised Reading and Research (110646)

Catherine McKenna

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instruction and direction of reading on topics not treated in regular courses of instruction.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Celtic 91R

Supervised Reading and Research (110646)

Catherine McKenna

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instruction and direction of reading on topics not treated in regular courses of instruction.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Celtic 91R Section: 002

Supervised Reading and Research (110646)

Joseph Nagy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instruction and direction of reading on topics not treated in regular courses of instruction.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students

Celtic 91R Section: 002

Supervised Reading and Research (110646)

Joseph Nagy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instruction and direction of reading on topics not treated in regular courses of instruction.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Celtic 91R Section: 003

Supervised Reading and Research (110646)

Natasha Sumner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instruction and direction of reading on topics not treated in regular courses of instruction.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Celtic 91R Section: 003

Supervised Reading and Research (110646)

Natasha Sumner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instruction and direction of reading on topics not treated in regular courses of instruction.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Celtic 120

Food and Fantasy in Irish Tradition (203245)

Joseph Nagy

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Many aspects of food—growing, cooking, eating, drinking, and distributing it—have served as powerful cultural symbols in Irish oral and literary tradition from medieval to modern times. A survey of the environmental, historical, and economic background to food and its production in Ireland of the early Middle Ages will lead to the close reading of medieval texts (in translation) such as "News about Mac Dathó's Pig," "The Vision of Mac Conglinne," and "The Battle of Mag Tuired," in each of which the "what," "why," and "how" of eating determine the outcome of the story. In addition, we will examine the lively symbolism of food as perpetuated in Irish legend and folktale, and also in post-medieval Irish literature.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Celtic 137

Celtic Mythology (111202)

Joseph Nagy

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Medieval Irish and Welsh texts reflect underlying story patterns, characters, and motifs that are rooted in pre-Christian tradition and in some cases witnessed in the archaeological evidence and in the ethnographic writings of ancient Greek and Roman authors. We will examine these texts in translation and track the reconstruction of the "pagan past" undertaken by medieval Celtic writers, as well as the new mythologies they developed to suit the evolving ideological agenda of their world, from ca 600 to 1500 CE.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students

Celtic 181

Introduction to Irish Folklore, Mythology, and Music (213697)

Kathryn Chadbourne

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0530 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Ireland from its earliest times to the present boasts a rich and complex mythic tradition that serves as an energizing source for literature, folk- and fairy-lore, and even music. Students consider medieval and more recent sources for mythological study, and examine such topics as Ireland's sacred geography, deities, fairies, heroes, folk ritual, and traditional songs and tunes.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Celtic 300

Reading and Research (116504)

Catherine McKenna

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Celtic 300

Reading and Research (116504)

Catherine McKenna

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Celtic 300 Section: 002

Reading and Research (116504)

Joseph Nagy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Celtic 300 Section: 002

Reading and Research (116504)

Joseph Nagy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Celtic 300 Section: 003

Reading and Research (116504)

Natasha Sumner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Celtic 300 Section: 003

Reading and Research (116504)

Natasha Sumner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Celtic 302

Teaching Modern Celtic Languages (208303)

Catherine McKenna

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Any graduate student who is teaching a course in any modern Celtic language may register for 8 credits of Celtic 302 with the approval of the course head.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
No FAINFO	300 or 3000 level class, do not generate FAINFO

Celtic 302

Teaching Modern Celtic Languages (208303)

Catherine McKenna

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Any graduate student who is teaching a course in any modern Celtic language may register for 8 credits of Celtic 302 with the approval of the course head.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Celtic 302 Section: 002

Teaching Modern Celtic Languages (208303)

Joseph Nagy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Any graduate student who is teaching a course in any modern Celtic language may register for 8 credits of Celtic 302 with the approval of the course head.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Celtic 302 Section: 002

Teaching Modern Celtic Languages (208303)

Joseph Nagy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Any graduate student who is teaching a course in any modern Celtic language may register for 8 credits of Celtic 302 with the approval of the course head.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Celtic 302 Section: 003

Teaching Modern Celtic Languages (208303)

Natasha Sumner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Any graduate student who is teaching a course in any modern Celtic language may register for 8 credits of Celtic 302 with the approval of the course head.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Celtic 302 Section: 003

Teaching Modern Celtic Languages (208303)

Natasha Sumner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Any graduate student who is teaching a course in any modern Celtic language may register for 8 credits of Celtic 302 with the approval of the course head.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Celtic 303

Teaching Celtic Literatures and Culture (208307)

Catherine McKenna

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Any Teaching Fellow in a course offered by the Celtic Department, other than courses in modern Celtic languages, may register for 4 credits of Celtic 303 per .2 teaching, with the approval of the course head(s).

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
No FAINFO	300 or 3000 level class, do not generate FAINFO
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Celtic 303

Teaching Celtic Literatures and Culture (208307)

Catherine McKenna

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Any Teaching Fellow in a course offered by the Celtic Department, other than courses in modern Celtic languages, may register for 4 credits of Celtic 303 per .2 teaching, with the approval of the course head(s).

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Celtic 303 Section: 002

Teaching Celtic Literatures and Culture (208307)

Joseph Nagy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Any Teaching Fellow in a course offered by the Celtic Department, other than courses in modern Celtic languages, may register for 4 credits of Celtic 303 per .2 teaching, with the approval of the course head(s).

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Celtic 303 Section: 002

Teaching Celtic Literatures and Culture (208307)

Joseph Nagy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Any Teaching Fellow in a course offered by the Celtic Department, other than courses in modern Celtic languages, may register for 4 credits of Celtic 303 per .2 teaching, with the approval of the course head(s).

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Celtic 303 Section: 003

Teaching Celtic Literatures and Culture (208307)

Natasha Sumner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Any Teaching Fellow in a course offered by the Celtic Department, other than courses in modern Celtic languages, may register for 4 credits of Celtic 303 per .2 teaching, with the approval of the course head(s).

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Celtic 303 Section: 003

Teaching Celtic Literatures and Culture (208307)

Natasha Sumner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Any Teaching Fellow in a course offered by the Celtic Department, other than courses in modern Celtic languages, may register for 4 credits of Celtic 303 per .2 teaching, with the approval of the course head(s).

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Celtic 304

Teaching in Other Fields (208312)

Catherine McKenna

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Any PhD student in Celtic (or candidate for an Ad Hoc PhD whose home department is Celtic) who serves as Teaching Fellow for a course in another department, or in General Education, may register for 4 credits of Celtic 304 per .2 teaching, with the approval of the Director of Graduate Studies or the student's advisor. The student may, if he or she prefers, register instead for credits in that department or program's teaching course.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Celtic 304

Teaching in Other Fields (208312)

Catherine McKenna

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Any PhD student in Celtic (or candidate for an Ad Hoc PhD whose home department is Celtic) who serves as Teaching Fellow for a course in another department, or in General Education, may register for 4 credits of Celtic 304 per .2 teaching, with the approval of the Director of Graduate Studies or the student's advisor. The student may, if he or she prefers, register instead for credits in that department or program's teaching course.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Celtic 304 Section: 002

Teaching in Other Fields (208312)

Joseph Nagy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Any PhD student in Celtic (or candidate for an Ad Hoc PhD whose home department is Celtic) who serves as Teaching Fellow for a course in another department, or in General Education, may register for 4 credits of Celtic 304 per .2 teaching, with the approval of the Director of Graduate Studies or the student's advisor. The student may, if he or she prefers, register instead for credits in that department or program's teaching course.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Celtic 304 Section: 002

Teaching in Other Fields (208312)

Joseph Nagy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Any PhD student in Celtic (or candidate for an Ad Hoc PhD whose home department is Celtic) who serves

as Teaching Fellow for a course in another department, or in General Education, may register for 4 credits of Celtic 304 per .2 teaching, with the approval of the Director of Graduate Studies or the student's advisor. The student may, if he or she prefers, register instead for credits in that department or program's teaching course.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Celtic 304 Section: 003

Teaching in Other Fields (208312)

Natasha Sumner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Any PhD student in Celtic (or candidate for an Ad Hoc PhD whose home department is Celtic) who serves as Teaching Fellow for a course in another department, or in General Education, may register for 4 credits of Celtic 304 per .2 teaching, with the approval of the Director of Graduate Studies or the student's advisor. The student may, if he or she prefers, register instead for credits in that department or program's teaching course.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Celtic 304 Section: 003

Teaching in Other Fields (208312)

Natasha Sumner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Any PhD student in Celtic (or candidate for an Ad Hoc PhD whose home department is Celtic) who serves as Teaching Fellow for a course in another department, or in General Education, may register for 4 credits of Celtic 304 per .2 teaching, with the approval of the Director of Graduate Studies or the student's advisor. The student may, if he or she prefers, register instead for credits in that department or program's teaching course.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

FAS Course Roll	FAS Course Roll

Celtic 305

Preparation of Doctoral Dissertation (113390)

Catherine McKenna

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
No FAINFO	300 or 3000 level class, do not generate FAINFO

Celtic 305

Preparation of Doctoral Dissertation (113390)

Catherine McKenna

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Celtic 305 Section: 002

Preparation of Doctoral Dissertation (113390)

Joseph Nagy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Celtic 305 Section: 002

Preparation of Doctoral Dissertation (113390)

Joseph Nagy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Celtic 305 Section: 003

Preparation of Doctoral Dissertation (113390)

Natasha Sumner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Celtic 305 Section: 003

Preparation of Doctoral Dissertation (113390)

Natasha Sumner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Celtic 350

Teaching Colloquium (207928)

Catherine McKenna

Joseph Nagy

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A workshop course focused on the craft of teaching, at Harvard and beyond, in Celtic languages and literatures and related subject areas. Topics include syllabus design, classroom discussion, responding to student writing, and assessment. The course includes visiting speakers and analytic visits to classes. Required of G2 students in Celtic; open to all students in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Subject: Welsh

Welsh 128

Introduction to Modern Welsh (113699)

Catherine McKenna

2019 Fall (4 Credits) **Schedule:** MTWR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to the Welsh language as spoken and written today, designed for those with little or no prior knowledge of this vibrant Celtic language. Intensive conversation practice is provided, and students learn to write fluently. Internet, audio and video exercises using dialogue, music and film augment a contextualized grammatical survey, and use of authentic literary texts increases as the course progresses.

Course Notes: **The combination of Welsh 128 followed by Welsh 129r satisfies the language requirement. It is recommended in any case that this course be followed by Welsh 129r. May not be taken Pass/Fail. Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Welsh
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Welsh 129R

Intermediate Modern Welsh (114118)

Catherine McKenna

2020 Spring (4 Credits) **Schedule:** MW 0900 AM - 1015 AM
TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Direct continuation of Welsh 128, developing and deepening students' knowledge of, and skill in, the modern spoken and written language. By the end of the semester students will be able to converse, read and write in a number of registers of idiomatic Welsh (academic, literary, informal). Various media, featuring dialogue, music and film, augment the advanced grammatical survey. Central cultural and historical issues are discussed.

Course Notes: **This course, when taken following Welsh 128, satisfies the language requirement. May not be taken Pass/Fail. Not open to auditors.**

Recommended Prep: **Welsh 128 or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Welsh
FAS Divisional Distribution	None
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Welsh 226R

Readings in Middle Welsh Prose (111956)

Catherine McKenna

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0230 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An exploration of the enormous variety of medieval Welsh prose literature: selections from tales and romances, chronicles, laws, and lore.

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Welsh
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Welsh 227

Welsh Bardic Poetry (111774)

Catherine McKenna

2020 Spring (4 Credits) **Schedule:** R 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Readings from the *hengerdd*, the *beirdd y tywysogion* and the *beirdd yr uchelwyr*; consideration of the social and political contexts of their poetry, its forms, and its relationship to other medieval European poetic traditions.

Recommended Prep: **Knowledge of Welsh or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Welsh
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Welsh 228

Cymraeg Ysgrifenedig / Written Welsh (213409)

Catherine McKenna

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Reading of academic and literary texts in Modern Welsh.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

Subject: Irish

Irish 160R

Advanced Modern Irish (120282)

Brian Frykenberg

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Geared to the interests and aptitudes of the participants, this course enhances students' confidence in using Irish as a medium of oral and written communication and introduces them to the Gaelic literary tradition.

Recommended Prep: **Irish 133r or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Irish
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Irish 200

Introduction to Old Irish (123266)

Joseph Nagy

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to the language of the eighth and ninth centuries, with elementary readings in prose texts.

Course Notes: **It is suggested that this course be followed by Irish 201r.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS: Meets Foreign Lang Req	Irish
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Irish 201R

Continuing Old Irish (117752)

Joseph Nagy

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Further grammatical study, with continued reading of saga texts.

Recommended Prep: **Irish 200 or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Graduate Students
FAS: Meets Foreign Lang Req	Irish
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Irish 206R

Studies in Early Irish Texts (213408)

Joseph Nagy

2019 Fall (4 Credits) **Schedule:** F 1200 PM - 0230 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Close reading of a selected Middle Irish text (or texts), with attention to language, codicology, transmission and scholarship.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Irish 206R

Studies in Early Irish Texts (213408)

Joseph Nagy

2020 Spring (4 Credits) **Schedule:** F 1200 PM - 0230 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Close reading of a selected Middle Irish text (or texts), with attention to language, codicology, transmission and scholarship.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemical and Physical Biology

Subject: Chemical and Physical Biology

Chemical and Physical Biology 91

Research for Credit in Chemical and Physical Biology (122591)

Dominic Mao

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Laboratory research in topics related to the CPB concentration approved by the concentration advisor and/or head tutors in CPB. A final paper must be submitted to the laboratory sponsor and to the CPB undergraduate office for review. This course can be repeated once.

Course Notes: **Limited to CPB concentrators. Students must have secured a position in a laboratory prior to enrolling in the course; the instructor will verify this with the faculty sponsor. Ordinarily may not be taken as a fifth course. Students must complete basic laboratory safety training and other safety training required by the host lab prior to starting work.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Chemical and Physical Biology 91

Research for Credit in Chemical and Physical Biology (122591)

Dominic Mao

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Laboratory research in topics related to the CPB concentration approved by the concentration advisor and/or head tutors in CPB. A final paper must be submitted to the laboratory sponsor and to the CPB undergraduate office for review. This course can be repeated once.

Course Notes: **Limited to CPB concentrators. Students must have secured a position in a laboratory prior to enrolling in the course; the instructor will verify this with the faculty sponsor. Ordinarily may not be taken as a fifth course. Students must complete basic laboratory safety training and other safety training required by the host lab prior to starting work.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemical and Physical Biology 99A

Laboratory Research for Honors Thesis (122592)

Dominic Mao

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Laboratory research in topics related to the CPB concentration, culminating in an undergraduate thesis submitted to the CPB undergraduate office for review by members of the Board of Tutors in Biochemical Sciences and the greater Boston research community. The course includes a series of workshops designed to help prepare students for the process of writing their thesis.

Course Notes: **Limited to students writing a thesis in CPB. Students are required to submit a written proposal to the CPB undergraduate office in the summer for review by the Board of Tutors in Biochemical Sciences for enrollment that fall. Only those students whose thesis proposals are approved are eligible to enroll. Ordinarily may not be taken as a fifth course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit. Students must complete basic laboratory safety training and other safety training required by the host lab prior to starting work."**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Indivisible Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Chemical and Physical Biology 99B

Laboratory Research for Honors Thesis (159732)

Dominic Mao

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Laboratory research in topics related to the CPB concentration, culminating in an undergraduate thesis submitted to the CPB undergraduate office for review by members of the Board of Tutors in Biochemical Sciences and the greater Boston research community. The course includes a series of workshops designed to help prepare students for the process of writing their thesis.

Course Notes: **Limited to students writing a thesis in CPB. Students are required to submit a written proposal to the CPB undergraduate office in the summer for review by the Board of Tutors in Biochemical Sciences for enrollment that fall. Only those students whose thesis proposals are approved are eligible to enroll. Ordinarily may not be taken as a fifth course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit. Students must complete basic laboratory safety training and other safety training required by the host lab prior to starting work."**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Indivisible Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
Course Search Attributes	Display Only in Course Search

Chemical Biology

Subject: Chemical Biology

Chemical Biology 300HFA

Introduction to Chemical Biology Research (126695)

Suzanne Walker

Daniel Kahne

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Lectures introduce the research areas of current program faculty in Chemical Biology. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
Full Year Course	Indivisible Course
FAS Divisional Distribution	None

Chemical Biology 300HFB

Introduction to Chemical Biology Research (160580)

Daniel Kahne

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Lectures introduce the research areas of current program faculty in Chemical Biology. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
Full Year Course	Indivisible Course
All: Cross Reg Availability	Not Available for Cross Registration
Course Search Attributes	Display Only in Course Search
FAS Divisional Distribution	None

Chemical Biology 350

Graduate Research (124362)

Daniel Kahne

Suzanne Walker

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemical Biology 350

Graduate Research (124362)

Daniel Kahne

Suzanne Walker

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
No FAINFO	300 or 3000 level class, do not generate FAINFO
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemical Biology 350 Section: 002

Graduate Research (124362)

Emily Balskus

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Chemical Biology 350 Section: 002

Graduate Research (124362)

Emily Balskus

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemical Biology 350 Section: 003

Graduate Research (124362)

Stephen Blacklow

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Chemical Biology 350 Section: 003

Graduate Research (124362)

Stephen Blacklow

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Chemical Biology 350 Section: 004

Graduate Research (124362)

Philip Cole

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Chemical Biology 350 Section: 004

Graduate Research (124362)

Arlene Sharpe

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Chemical Biology 350 Section: 005

Graduate Research (124362)

Sara Buhrlage

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Chemical Biology 350 Section: 005

Graduate Research (124362)

Sara Buhrlage

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Chemical Biology 350 Section: 006

Graduate Research (124362)

Stirling Churchman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemical Biology 350 Section: 006

Graduate Research (124362)

Manoj Duraisingh

2019 Fall (4 Credits) **Schedule:** TBD

TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Chemical Biology 350 Section: 007

Graduate Research (124362)

Adam Cohen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Chemical Biology 350 Section: 007

Graduate Research (124362)

Adam Cohen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemical Biology 350 Section: 008

Graduate Research (124362)

Vladimir Denic

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Chemical Biology 350 Section: 008

Graduate Research (124362)

Vladimir Denic

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemical Biology 350 Section: 009

Graduate Research (124362)

Stephen Elledge

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemical Biology 350 Section: 009

Graduate Research (124362)

Stephen Elledge

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Chemical Biology 350 Section: 010

Graduate Research (124362)

Rachelle Gaudet

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Chemical Biology 350 Section: 010

Graduate Research (124362)

Rachelle Gaudet

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Chemical Biology 350 Section: 011

Graduate Research (124362)

Vadim Gladyshev

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemical Biology 350 Section: 011

Graduate Research (124362)

Brian Liau

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Chemical Biology 350 Section: 012

Graduate Research (124362)

Nathanael Gray

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Chemical Biology 350 Section: 012

Graduate Research (124362)

Nathanael Gray

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Chemical Biology 350 Section: 013

Graduate Research (124362)

Stephen Haggarty

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Chemical Biology 350 Section: 013

Graduate Research (124362)

Stephen Haggarty

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Chemical Biology 350 Section: 014

Graduate Research (124362)

Robert Kingston

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Chemical Biology 350 Section: 014

Graduate Research (124362)

Marcia Haigis

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Chemical Biology 350 Section: 015

Graduate Research (124362)

Deborah Hung

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Chemical Biology 350 Section: 015

Graduate Research (124362)

Deborah Hung

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Chemical Biology 350 Section: 016

Graduate Research (124362)

Brian Liau

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Chemical Biology 350 Section: 016

Graduate Research (124362)

Eric Jacobsen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Chemical Biology 350 Section: 017

Graduate Research (124362)

Cigall Kadoch

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Chemical Biology 350 Section: 017

Graduate Research (124362)

Cigall Kadoch

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Chemical Biology 350 Section: 018

Graduate Research (124362)

Randall King

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Chemical Biology 350 Section: 018

Graduate Research (124362)

Randall King

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemical Biology 350 Section: 019

Graduate Research (124362)

Andrew Kruse

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Chemical Biology 350 Section: 019

Graduate Research (124362)

Andrew Kruse

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Chemical Biology 350 Section: 020

Graduate Research (124362)

Seth Rakoff-Nahoum

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemical Biology 350 Section: 020

Graduate Research (124362)

Amy Wagers

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Chemical Biology 350 Section: 021

Graduate Research (124362)

David Liu

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemical Biology 350 Section: 021

Graduate Research (124362)

David Liu

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Chemical Biology 350 Section: 022

Graduate Research (124362)

Ralph Mazitschek

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Chemical Biology 350 Section: 022

Graduate Research (124362)

Ralph Mazitschek

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Chemical Biology 350 Section: 023

Graduate Research (124362)

Stuart Schreiber

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemical Biology 350 Section: 023

Graduate Research (124362)

Stuart Schreiber

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Chemical Biology 350 Section: 024

Graduate Research (124362)

David Walt

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Chemical Biology 350 Section: 024

Graduate Research (124362)

Philip Cole

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Chemical Biology 350 Section: 025

Graduate Research (124362)

Pamela Silver

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Chemical Biology 350 Section: 025

Graduate Research (124362)

Pamela Silver

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Chemical Biology 350 Section: 026

Graduate Research (124362)

Peter Sorger

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Chemical Biology 350 Section: 026

Graduate Research (124362)

Peter Sorger

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Chemical Biology 350 Section: 027

Graduate Research (124362)

Loren Walensky

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemical Biology 350 Section: 027

Graduate Research (124362)

Loren Walensky

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Chemical Biology 350 Section: 028

Graduate Research (124362)

Timothy Mitchison

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemical Biology 350 Section: 028

Graduate Research (124362)

Timothy Mitchison

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemical Biology 350 Section: 029

Graduate Research (124362)

Nathalie Agar

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemical Biology 350 Section: 029

Graduate Research (124362)

Nathalie Agar

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemical Biology 350 Section: 030

Graduate Research (124362)

Seth Rakoff-Nahoum

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Chemical Biology 350 Section: 030

Graduate Research (124362)

Priscilla Yang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemical Biology 350 Section: 031

Graduate Research (124362)

Amy Wagers

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Chemical Biology 350 Section: 031

Graduate Research (124362)

Abigail Devlin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Chemical Biology 350 Section: 032

Graduate Research (124362)

David Walt

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Chemical Biology 350 Section: 032

Graduate Research (124362)

Eric Fischer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Chemical Biology 350 Section: 033

Graduate Research (124362)

Amit Choudhary

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemical Biology 350 Section: 033

Graduate Research (124362)

Arlene Sharpe

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Chemical Biology 350 Section: 034

Graduate Research (124362)

Amit Choudhary

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Chemical Biology 350 Section: 034

Graduate Research (124362)

2020 Spring (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Chemical Biology 350 Section: 035

Graduate Research (124362)

Vadim Gladyshev

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemical Biology 350 Section: 035

Graduate Research (124362)

Manoj Duraisingh

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemical Biology 350 Section: 036

Graduate Research (124362)

Abigail Devlin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemical Biology 350 Section: 037

Graduate Research (124362)

Robert Kingston

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemical Biology 350 Section: 038

Graduate Research (124362)

Seth Rakoff-Nahoum

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemical Biology 350 Section: 039

Graduate Research (124362)

2019 Fall (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemical Biology 399

Laboratory Research (121170)

Daniel Kahne

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course is intended for Chemical Biology lab rotations.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Chemical Biology 399

Laboratory Research (121170)

Daniel Kahne

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course is intended for Chemical Biology lab rotations.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Chemical Biology 2200

Introduction to Chemical Biology (124812)

Ralph Mazitschek

Stephen Haggarty

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course will provide a survey of major topics, technologies, and themes in Chemical Biology, with hands-on exposure to a variety of experimental approaches.

Course Notes: **Intended for first-year graduate students in the Chemical Biology Program; permission of the instructor required for all others.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Chemistry and Chemical Biology

Subject: Chemistry

Chemistry 17

Principles of Organic Chemistry (115137)

Christina Woo

2019 Fall (4 Credits) **Schedule:** MWF 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to organic chemistry, with an emphasis on structure and bonding, reaction mechanisms, and chemical reactivity.

Course Notes: **Open to freshmen with a score of 750 or higher in the College Boards or the Chemistry Placement Examination; and to students who scored 5 on the Chemistry Advanced Placement Examination; and to the students who achieved a grade of B or higher in either Physical Sciences 1, 10, 11, or another college-level introductory chemistry course. Others may enter only by permission of the instructor. The Chemistry 17/27 sequence is intended primarily for students in chemistry or the life sciences, who have completed LPSA or LS1a and one of the PS courses (PS1, PS10, PS11). The Chemistry 20/30 sequence is intended primarily for students planning a concentration in chemistry or the physical sciences. Either sequence satisfies the organic chemistry requirement for medical school. Students may not count both Chemistry 17 and Chemistry 20 for degree credit. On the other hand, Chemistry 27 and Chemistry 30 cover different material, so students interested in taking both courses may choose to do so via one of two sequences: Chemistry 17-27-30 or Chemistry 20-30-27. Chemistry 27 satisfies the biochemistry chemistry requirement for most medical schools.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Chemistry 20

Organic Chemistry (124312)

Logan S. McCarty

2020 Spring (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to structure and bonding in organic molecules; mechanisms of organic reactions; chemical transformations of the functional groups of organic chemistry; synthesis; determination of chemical

structures by infrared and NMR spectroscopy.

Course Notes: **Chemistry 20/30 is an integrated two-semester sequence that prepares students to study chemistry and other physical sciences, whereas the Chemistry 17/27 sequence focuses on application of organic chemistry concepts to the life sciences. Either sequence satisfies the organic chemistry requirement for medical school and the chemistry concentration. The content of Chemistry 17 is accelerated and overlaps with topics from both Chemistry 20 and 30. Students may not count both Chemistry 17 and 20 toward the degree. However, Chemistry 27 and Chemistry 20/30 cover different material, so students may choose to take Chemistry 27 after completing the 20/30 sequence.**

Recommended Prep: **Open to students who scored 4 or 5 on the Chemistry Advanced Placement Examination, or who successfully completed Life Sciences 1A or Life and Physical Sciences A. Others should contact the instructor to discuss their preparation.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemistry 27

Organic Chemistry of Life (117558)

Emily Balskus

2020 Spring (4 Credits) **Schedule:** MWF 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Chemical principles that govern the processes driving living systems are illustrated with examples drawn from biochemistry, cell biology, and medicine. The course deals with organic chemical reactivity (reaction mechanisms, structure-reactivity relationships), with matters specifically relevant to the life sciences (chemistry of enzymes, nucleic acids, drugs, natural products, cofactors), and with applications of chemical biology to medicine and biotechnology. An understanding of organic reactions and their "arrow" pushing mechanisms is required.

Course Notes: **Chemistry 27 and 30 may both be taken for degree credit. See note for Chemistry 17.**

Recommended Prep: **Chemistry 17 or Chemistry 30 or Chemistry 20 with permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS: Final Assessment Category	Three-hour Exam

Chemistry 30

Organic Chemistry (118925)

Andrew Myers

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Chemistry 20. Fundamental principles and advanced topics in organic chemistry. Carbonyl chemistry and pericyclic reactions are covered in particular detail, using principles of stereochemistry, stereoelectronic theory, and molecular orbital theory as a foundation. Students learn about strategies in multi-step organic synthesis and are given an introduction into organometallic chemistry. Laboratory: an introduction to organic chemistry laboratory techniques and experimental organic synthesis.

Course Notes: **Chemistry 20 or equivalent.**
Chemistry 27 and 30 may both be taken for degree credit. See note for Chemistry 17.

Recommended Prep: **See notes section**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam

Chemistry 40

Inorganic Chemistry (123126)

Daniel Nocera

2020 Spring (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to basic concepts of inorganic chemistry. Develops principles of chemical bonding and molecular structure on a basis of symmetry, applying these concepts to coordination chemistry (highlighting synthesis), organometallic chemistry (applications to catalysis), materials synthesis, and bioinorganic processes.

Course Notes: **Chemistry 17 or 20**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Chemistry 60

Foundations of Physical Chemistry (114811)

Roy Gordon

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A compact introduction to major principles of physical chemistry (statistical mechanics, thermodynamics, and chemical kinetics), concurrently providing mathematical and physical foundations for these subjects and preparation for Chemistry 160 and 161.

Recommended Prep: **Physical Sciences 1, 10, 11 or equivalent; completion or concurrent enrollment in Mathematics 21a or Applied Mathematics 21a; completion or concurrent enrollment in Physical Sciences 2, 12a or Physics 15a or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Chemistry 91R

Introduction to Research (113865)

Gregory C. Tucci

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Reading and/or laboratory work related to one of the research projects under way in the department.

Course Notes: **Open to a limited number of chemistry concentrators who are accepted as research students without having taken Chemistry 98. Written permission of the sponsor must be filed at the Office of the Associate Director of Undergraduate Studies in Chemistry. Any student enrolling in this course must register the name of his or her research mentor with the course head whose signature must appear on each student's study card. Must be taken Sat/Unsat.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Chemistry 91R

Introduction to Research (113865)

Gregory C. Tucci

Charles Lieber

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Reading and/or laboratory work related to one of the research projects under way in the department.

Course Notes: **Open to a limited number of chemistry concentrators who are accepted as research students without having taken Chemistry 98. Written permission of the sponsor must be filed at the Office of the Associate Director of Undergraduate Studies in Chemistry. Any student enrolling in this course must register the name of his or her research mentor with the course head whose signature must appear on each student's study card. Must be taken Sat/Unsat.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Chemistry 98R

Introduction to Research - Junior Year (112494)

Gregory C. Tucci

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Research under the direction of, or approved by, a member of the faculty of the Department of Chemistry. This is a junior tutorial.

Course Notes: **Open with permission of the instructor to junior chemistry majors who have satisfactorily completed the non-credit Introduction to Research Tutorial in the spring term of the sophomore year. In that non-credit spring term tutorial, taught Tu., Th., 1-2:30, students will attend introductory lectures and research seminars in order to acquaint themselves with departmental research programs. In the junior year, students who complete the non-credit tutorial and obtain placement in a research laboratory will undertake research as Chemistry 98r. Written permission of the research adviser must be filed at the office of the Associate Director of Undergraduate Studies in Chemistry. Any student enrolling in this course must register the name of his or her research mentor with the course head whose signature must appear on each student's study card.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Chemistry 98R

Introduction to Research - Junior Year (112494)

Gregory C. Tucci

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Research under the direction of, or approved by, a member of the faculty of the Department of Chemistry. This is a junior tutorial.

Course Notes: **Open with permission of the instructor to junior chemistry majors who have satisfactorily completed the non-credit Introduction to Research Tutorial in the spring term of the sophomore year. In that non-credit spring term tutorial, taught Tu., Th., 1-2:30, students will attend introductory lectures and research seminars in order to acquaint themselves with departmental research programs. In the junior year, students who complete the non-credit tutorial and obtain placement in a research laboratory will undertake research as Chemistry 98r. Written permission of the research adviser must be filed at the office of the Associate Director of Undergraduate Studies in Chemistry. Any student enrolling in this course must register the name of his or her research mentor with the course head whose signature must appear on each student's study card.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Chemistry 99R

Tutorial - Senior Year (113976)

Gregory C. Tucci

Charles Lieber

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Research under the direction of, or approved by, a member of the faculty of the Department of Chemistry.

Course Notes: **Open to seniors accredited by the Department as honors candidates. Students enrolled in Chemistry 99r have the option of writing a thesis. Written permission of the research adviser must be filed at the office of the Associate Director of Undergraduate Studies in Chemistry. Any student enrolling in this course must register the name of his or her research mentor with the course head whose signature must appear on each student's study card.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Chemistry 99R

Tutorial - Senior Year (113976)

Gregory C. Tucci

Charles Lieber

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Research under the direction of, or approved by, a member of the faculty of the Department of Chemistry.

Course Notes: **Open to seniors accredited by the Department as honors candidates. Students enrolled in Chemistry 99r have the option of writing a thesis. Written permission of the research adviser must be filed at the office of the Associate Director of Undergraduate Studies in Chemistry. Any student enrolling in this course must register the name of his or her research mentor with the course head whose signature must appear on each student's study card.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Chemistry 100R

Experimental Chemistry and Chemical Biology (123022)

Heidi Vollmer-Snarr

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Chem 100R is a project-based synthetic, physical organic, and chemical biology research course, where students conduct, present, and write about cutting-edge, faculty-derived research. Students also learn to communicate about the broader applications of their research to nonscientific audiences.

Course Notes: **This course is suitable for students with or without extensive laboratory experience, but must be a student's only for-credit research commitment during the enrolled semester. Open to freshman, sophomores, juniors, and seniors, regardless of concentration.**

Class Trip: This course includes a highly recommended, Harvard-paid, three-day, midweek science advocacy trip to Washington, D.C.,

sometime during the last two weeks of October depending on the Congressional schedule. If participating, students will work with course staff to schedule meetings and present their own talking points to educate their congressional representatives about key scientific issues and concerns.

Recommended Prep: **Chem 30, 27, or S-20ab; and permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Chemistry 100R

Experimental Chemistry and Chemical Biology (123022)

Heidi Vollmer-Snarr

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Chem 100R is a project-based synthetic, physical organic, and chemical biology research course, where students conduct, present, and write about cutting-edge, faculty-derived research. Students also learn to communicate about the broader applications of their research to nonscientific audiences.

Course Notes: **Class Trip: You can choose one of two Harvard-paid advocacy options, that are a highly recommended part of this course. If participating, students will work with course staff to schedule meetings and present their own talking points to educate their congressional representatives about key scientific issues and concerns. Washington, DC: This three-day, midweek science advocacy trip will occur sometime during the first two weeks of March depending on the Congressional schedule. Boston, MA: This afternoon science advocacy trip will occur as part of your regularly scheduled lab during a Congressional district work period in mid-February or early April.**

This course is suitable for students with or without extensive laboratory experience, but must be a student's only for-credit research commitment during the enrolled semester. Open to freshman, sophomores, juniors, and seniors, regardless of concentration.

Recommended Prep: **Chem 30, 27, or S-20ab; and permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Chemistry 101

Chemical Biology Towards Precision Medicine (124554)

Stuart Schreiber

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 125

Chemical Biology Towards Precision Medicine teaches students principles of modern organic synthesis, chemical biology and human biology relevant to the discovery of safe and effective small-molecule therapeutics in the future. The course will explore patient-based 'experiments of nature' that illuminate disease, including cancer, diabetes, infectious disease and psychiatric disease, among others. Students will then use their knowledge of chemistry and chemical biology to propose research yielding novel small molecules that affect biological systems by mechanisms suggested by the experiments of nature. Chem 101 aims to prepare students for the next decade where academic research tests hypotheses emerging from human biology in humans using novel small-molecule probes.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Chemistry 105 Section: 1

Advanced Organic Chemistry (109454)

Eric Jacobsen

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Advanced reactivity principles in organic chemistry. Students learn 1) fundamentals of structure, bonding, and reaction energetics, 2) to identify and propose mechanisms for common organic, organometallic, and catalytic reactions, along with experiments to test those mechanisms; 3) to analyze the factors controlling rate and selectivity in organic reactions.

Course Notes: **Prerequisites: Two semesters of college-level organic chemistry. At least one course in physical chemistry is strongly recommended.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemistry 110 Section: 01

The Chemistry and Biology of Therapeutics (110241)

Matthew Shair

Brian Liau

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will cover the chemical and biological principles that govern small molecule therapeutics. We will discuss small molecule conformational analysis, chemical forces that drive small molecule-protein interactions, and small molecule binding to proteins to affect disease states. We will also discuss how protein targets are identified and the frontiers of modern small molecule therapeutics. Protein targets include, but are not limited to kinases, proteases, GTPases, scaffolding proteins, epigenetic modifiers, metabolic enzymes and transcription factors. This course will teach students how to use modern computer modeling applications to perform structure-based design of small molecule ligands.

Course Notes: **Course Requirements: Completion of Chem 27 or Chem 30**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemistry 115

Advanced Organic Chemistry: Synthesis of Complex Molecules (114209)

Justin Kim

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An integrated course in complex synthetic problem solving that focuses on the development of principles and strategies for synthesis design with a concurrent, comprehensive review of modern synthetic transformations.

Course Notes: **Prerequisite: A grade of A in Chemistry 30.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Chemistry 145

Experimental Inorganic Chemistry (109110)

Theodore Betley

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to experimental problems encountered in the synthesis, isolation, purification, characterization, and identification of inorganic compounds, with an emphasis in air-free synthetic techniques and spectroscopic characterization methods specifically applicable to complexes containing transition metals.

Recommended Prep: **Chemistry 40 and either Chemistry 27 or 30, or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Chemistry 155

Advanced Inorganic Chemistry II (156395)

Theodore Betley

2020 Spring (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Transition element chemistry will be discussed with an emphasis on synthesis, structure, bonding, and reaction mechanisms. Connections between molecular structure and electronic structure and how that parlays into reactivity will be emphasized throughout. Advanced problems of interest to inorganic chemistry will be discussed in the context of catalysis, organometallics, and bioinorganic processes. The course will be discussion driven with a heavy reliance on the current literature.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Chemistry 156

Materials Chemistry (207680)

Jarad Mason

2019 Fall (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** 50

This course will survey topics in materials chemistry, emphasizing how atomic-level interactions dictate the bulk properties of matter. Basic chemical principles will be applied to discuss the design, synthesis, and characterization of inorganic and organic materials. Specific topics will include: electronic, optical, and magnetic properties of inorganic solids, nanomaterials, micro and mesoporous solids, gas sorption, glasses, ionic liquids, and membranes. The primary literature will be used to highlight key historical discoveries and significant recent results relevant to each of these areas.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemistry 160

The Quantum World (112976)

Cynthia Friend

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

We live in a quantum world. Many essential properties of atoms, molecules and materials stem from their quantum mechanical nature. In this course, we will focus on the quantum mechanical aspects of physical chemistry. The basic principles of quantum mechanics will be introduced in tandem with concepts such as molecular bonding, vibrations, and rotations. The fundamentals of molecular spectroscopy will be seen in the light of quantum mechanics. The second half of the course will introduce molecular electronic structure and properties and what goes behind the sciences in quantum chemistry packages.

Course Notes: **Applied Mathematics 21a and 21b, Mathematics 21a and 21b, or equivalent preparation in calculus and differential equations; Physical Sciences 1 or equivalent preparation in chemical bonding and fundamental principles; Physical Sciences 2 or Physics 11a, and Physical Sciences 3 or Physics 11b.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Chemistry 161

Statistical Thermodynamics (113217)

Xiaowei Zhuang

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to statistical mechanics, thermodynamics, and chemical kinetics with applications to problems in chemistry and biology.

Recommended Prep: **Chemistry 160 or Physics 143a, or equivalent. Math 21a, or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

FAS Course Roll	FAS Course Roll

Chemistry 165

Experimental Physical Chemistry (119035)

Nicholas Colella

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Hands-on introduction to physical methods and techniques used widely in chemistry and chemical physics research laboratories. Computer-based methods of data acquisition and analysis are used throughout.

Course Notes: **Recommended as an efficient preparation for research in experimental chemistry, chemical physics, engineering sciences, and related disciplines.**

Recommended Prep: **Chemistry 7, or Physical Sciences 1, or equivalent; Applied Mathematics 21a or Mathematics 21a; one full course in physics or equivalent. Recommended: Chemistry 160, Physics 143a or similar, a course in Quantum Mechanics.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Chemistry 242

Quantum Mechanics for Physical Chemistry (112103)

Eric Heller

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course describes the quantum mechanics, dynamics and vibronic spectroscopy of molecules as well as scattering theory including chemical reactions. Born-Oppenheimer theory, time dependent quantum mechanics. Powerful and intuitive semiclassical approximations are developed starting from the Feynman path integral. Decoherence and its crucial role in many experiments is disucssioned.

Recommended Prep: **Chemistry 160 or Physics 143, Physics 11 or 12, and Applied Mathematics 105a and 105b, or Mathematics 21, or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Chemistry 300

Research and Reading (118124)

Theodore Betley

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work under the supervision of members of the Department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Chemistry 300

Research and Reading (118124)

Theodore Betley

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work under the supervision of members of the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Chemistry 301HFA

Scientific Teaching and Communications: Practicum (124905)

Gregory C. Tucci

Lu Wang

Sirinya Matchacheep

2019 Fall (2 Credits) **Schedule:** F 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course will teach graduate students how to communicate scientific concepts in the classroom. Students will focus on becoming effective teachers in discussion sections and in the laboratory. The course will emphasize hands-on experience in teaching and explaining scientific concepts. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Required of all first-year graduate students in the Department of**

Chemistry and Chemical Biology.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
Full Year Course	Indivisible Course
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Chemistry 301HFB

Scientific Teaching and Communications: Practicum (160578)

Gregory C. Tucci

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 25

This course will teach graduate students how to communicate scientific concepts in the classroom. Students will focus on becoming effective teachers in discussion sections and in the laboratory. The course will emphasize hands-on experience in teaching and explaining scientific concepts. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Required of all first-year graduate students in the Department of Chemistry and Chemical Biology.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Indivisible Course
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
Course Search Attributes	Display Only in Course Search

Chemistry 302

Organometallic Chemistry (110717)

Eric Jacobsen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Chemistry 302

Organometallic Chemistry (110717)

Eric Jacobsen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Chemistry 304

Theoretical Atomic, Molecular, and Chemical Physics (116447)

Eric Heller

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Chemistry 304

Theoretical Atomic, Molecular, and Chemical Physics (116447)

Eric Heller

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Chemistry 311

Physical Chemistry (111823)

Charles Lieber

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Chemistry 311

Physical Chemistry (111823)

Charles Lieber

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Chemistry 315

Photochemistry and Kinetics (117520)

James Anderson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Chemistry 315

Photochemistry and Kinetics (117520)

James Anderson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Chemistry 318

Organic Chemistry (113803)

George Whitesides

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Chemistry 318

Organic Chemistry (113803)

George Whitesides

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Chemistry 320

Chemical Biology (107703)

Emily Balskus

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Chemistry 320

Chemical Biology (107703)

Emily Balskus

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Chemistry 323

Organic Chemistry (111689)

Stuart Schreiber

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Chemistry 323

Organic Chemistry (111689)

Stuart Schreiber

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Chemistry 325

Physical Chemistry (123927)

Cynthia Friend

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Chemistry 325

Physical Chemistry (123927)

Cynthia Friend

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Chemistry 326

Physical Chemistry and Atomic Physics (110219)

Kang-Kuen Ni

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Chemistry 326

Physical Chemistry and Atomic Physics (110219)

Kang-Kuen Ni

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Chemistry 330

Physical Chemistry (123994)

Adam Cohen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Chemistry 330

Physical Chemistry (123994)

Adam Cohen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Chemistry 331

Approaches Toward Understanding and Treating Human Disease (110712)

Gregory Verdine

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Chemistry 331

Approaches Toward Understanding and Treating Human Disease (110712)

Gregory Verdine

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemistry 336

Physical and Inorganic Chemistry and Materials Science (115459)

Roy Gordon

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Chemistry 336

Physical and Inorganic Chemistry and Materials Science (115459)

Roy Gordon

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Chemistry 340

Inorganic Chemistry (123995)

Theodore Betley

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Chemistry 340

Inorganic Chemistry (123995)

Theodore Betley

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Chemistry 342

Inorganic Chemistry (109111)

Daniel Nocera

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Chemistry 342

Inorganic Chemistry (109111)

Daniel Nocera

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Chemistry 344

Inorganic and Materials Chemistry (207213)

Jarad Mason

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemistry 344

Inorganic and Materials Chemistry (207213)

Jarad Mason

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Chemistry 350

Theoretical Physical Chemistry (123316)

Eugene Shakhnovich

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Chemistry 350

Theoretical Physical Chemistry (123316)

Eugene Shakhnovich

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Chemistry 360

Chemical Biology (204016)

Brian Liau

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Chemistry 360

Chemical Biology (204016)

Brian Liau

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemistry 362

Organic Chemistry & Chemical Biology (204017)

Christina Woo

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Chemistry 362

Organic Chemistry & Chemical Biology (204017)

Christina Woo

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Chemistry 386

Theoretical Chemistry (122695)

Alan Aspuru-Guzik

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemistry 386

Theoretical Chemistry (122695)

Alan Aspuru-Guzik

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Chemistry 387

Organic Chemistry (114102)

Matthew Shair

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Chemistry 387

Organic Chemistry (114102)

Matthew Shair

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Chemistry 388

Organic Chemistry (111158)

Andrew Myers

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemistry 388

Organic Chemistry (111158)

Andrew Myers

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Chemistry 389

Physical Chemistry (110520)

Xiaoliang Xie

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Chemistry 389

Physical Chemistry (110520)

Xiaoliang Xie

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemistry 390

Organic Chemistry and Chemical Biology (112638)

David Liu

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Chemistry 390

Organic Chemistry and Chemical Biology (112638)

David Liu

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Chemistry 391

Physical Chemistry (112639)

Hongkun Park

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Chemistry 391

Physical Chemistry (112639)

Hongkun Park

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemistry 393

Physical Chemistry (116230)

Xiaowei Zhuang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Chemistry 393

Physical Chemistry (116230)

Xiaowei Zhuang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Chemistry 396

Organic Chemistry (119230)

Daniel Kahne

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Chemistry 396

Organic Chemistry (119230)

Daniel Kahne

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Chemistry 397

Organic Chemistry (120076)

Suzanne Walker

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Chemistry 397

Organic Chemistry (120076)

Suzanne Walker

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Chemistry 399

CCB Course Related Work (208257)

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** 30

Students in Chemistry and Chemical Physics may register in this course when independent work is being undertaken that is not specifically indicated in a numbered course.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Chemistry 399

CCB Course Related Work (208257)

2020 Spring (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Students in Chemistry and Chemical Physics may register in this course when independent work is being undertaken that is not specifically indicated in a numbered course.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Subject: Physical Sciences

Physical Sciences 1

Chemical Bonding, Energy, and Reactivity: An Introduction to the Physical Sciences (122574)

Kang-Kuen Ni

Sirinya Matchacheep

Nicholas Colella

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

The course covers the chemistry and physics underlying molecular phenomena in the world. Starting from a single electron, the course will build up to atoms, molecules, and materials. Interactions of molecules are studied through thermochemistry, equilibria, entropy and free energy, acids and bases, electrochemistry, and kinetics. Applications include physical principles in biology, global energy demands, and modern materials and technology.

Course Notes: **A few operations of calculus are developed and used. Fluency in pre-calculus secondary school mathematics is assumed. Students are expected to have AP or honors level high school chemistry, or have completed Life Sciences 1a or Life and Physical Sciences A (LPS A) with a satisfactory grade.**

This course is part of an integrated introduction to the physical science intended for students who plan to pursue a concentration in the physical or life sciences and/or to satisfy a pre-medical requirement in general/inorganic chemistry. Physical Sciences 1 and Physical Sciences 11 cannot both be taken for credit.

Recommended Prep: **A few operations of calculus are developed and used. Fluency in pre-calculus secondary school mathematics is assumed. Students are expected to have AP or honors level high school chemistry, or have completed Life Sciences 1a or Life and Physical Sciences A (LPS A) with a satisfactory grade.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Physical Sciences 10

Quantum, Statistical, and Computational Foundations of Chemistry (107367)

Adam Cohen

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to the fundamental theories of quantum mechanics and statistical mechanics and their role in governing the behavior of matter. The course begins with the quantum behavior of a single electron and develops the elements of the periodic table, the nature of the chemical bond, the bulk electronic and thermal properties of materials, and the thermodynamics of chemical reactions. Applications include semiconductor electronics, solar energy conversion, medical imaging, and the stability and dynamism of living systems. Calculus will be used extensively.

Course Notes: **Physical Sciences 10 and Physical Sciences 11 may be taken in any order. The general chemistry requirement for medical school can be satisfied with any two of the following courses: Life and Physical Sciences A, Life Sciences 1a, Physical Sciences 1, Physical Sciences 10, or Physical Sciences 11.**

Recommended Prep: **A strong background in chemistry (Chemistry AP score of 5, or Physical Sciences 1, or equivalent preparation), mathematics at the level of Mathematics 1b (may be taken concurrently), and some familiarity with physics (force, energy, work, and electric charge).**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Undergraduate Students

Physical Sciences 11

Foundations and Frontiers of Modern Chemistry: A Molecular and Global Perspective (107368)

James Anderson

Gregory C. Tucci

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

The Physical Sciences hold the key to solving unprecedented problems at the intersection of science, technology, and an array of rapidly emerging global scale challenges. The course emphasizes a molecular scale understanding of energy and entropy; free energy in equilibria, acid/base reactivity, and electrochemistry; molecular bonding and kinetics; catalysis in organic and inorganic systems; the union of quantum mechanics, nanostructures, and photovoltaics; and the analysis of nuclear energy. Case studies are used both to develop quantitative reasoning and to directly link these principles to global strategies.

Course Notes: **Students are expected to have high school chemistry, or have completed Life and Physical Sciences A (LPS A) or Life Sciences 1a (LS 1a), or have received permission of the instructors. Physical Sciences 10 and Physical Sciences 11 may be taken in any order. The general chemistry requirement for medical students can be satisfied**

with any two of the following courses: Life and Physical Sciences A, Life Sciences 1a, Physical Sciences 1, Physical Sciences 10, or Physical Sciences 11. NOTE: Physical Sciences 1 and Physical Sciences 11 cannot both be taken for credit.

Recommended Prep: **A few operations of calculus are developed and used. Fluency in pre-calculus secondary school mathematics is assumed.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Subject: Life & Physical Sciences

Life & Physical Sciences A

Foundational Chemistry and Biology (123833)

Gregory C. Tucci

Nava Gharaei

Sirinya Matchacheep

2019 Fall (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course introduces fundamental concepts in chemistry and biology. Topics in chemistry include stoichiometry, acids and bases, aqueous solutions, gases, thermochemistry, electrons in atoms, and chemical bonding. The course also examines biological molecules, the transfer of information from DNA to RNA to protein, and cell structure and signaling.

Course Notes: **The last day to add or switch between Life Sciences 1a (LS 1a) and Life and Physical Sciences A (LPS A) will be Friday, September 13. Students should use their scores on the Chemistry and Biology Placement Tests to determine whether to enroll in Life and Physical Sciences A or Life Sciences 1a. This course assumes fluency with high school algebra. Students who have completed Life Sciences 1a, Physical Sciences 1, Physical Sciences 10, Physical Sciences 11, Chemistry 17 or Chemistry 20 may not take Life and Physical Sciences A for credit.**

Requirements: **Anti-req: Cannot be taken for credit if Life Sciences 1a, OR Physical Sciences 1, OR Physical Sciences 10, OR Physical Sciences 11, OR Chemistry 17 OR Chemistry 20 already complete**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll

Classics, The

Subject: Classical Archaeology

Classical Archaeology 11

Roman Art (108693)

Adrian Staehli

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course provides a broad overview of the history Roman art, architecture, and material culture from the time of the Republic through the Imperial period, to the age of Constantine. It offers basic knowledge about core categories of archaeological artifacts and remains within their topographical setting and within the context of Roman culture and society; it also includes issues of methods, theoretical approaches, and problems of current research.

Recommended Prep: **This course is a basic introduction to Roman art and archaeology and specifically designed for undergraduates; graduate students are more than welcome, but the course does not count towards the Classical Archaeology course requirements for graduate students in the Classics programs.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Classical Archaeology 159

Collecting the Past: Seminar (109366)

Adrian Staehli

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

We will explore different historical practices of collecting and displaying Greek and Roman art from antiquity through the middle ages to most recent times, including the current debates about cultural propriety and the repatriation of looted antiquities, and investigate how various forms of collecting shape the knowledge of ancient civilizations and, more generally, of the past.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Classical Archaeology 252

Parapictoriality (212906)

Adrian Staehli

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This seminar will explore the specific circumstances and conditions that enabled, in Greek and Roman antiquity, to perceive and interpret artefacts, objects, and monuments as images (or visual representations). We will evaluate a variety of recent approaches and theories that offer a better understanding of how cultural practices, cognitive preconditions, and visual tools guide, condition, and frame the perception of visual media in different spatial settings and social contexts.

Recommended Prep: **The seminar addresses graduate students, but also undergraduates with previous exposure to Classical Archaeology, Classical Philology, or Ancient History; graduate students are expected to read German or French scholarship.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Subject: Latin

Latin AX

Latin Review and Reading (122177)

Ivy Livingston

2019 Fall (4 Credits) **Schedule:** MTWR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Latin Ax is designed for students who have studied some Latin prior to enrollment at Harvard. Participants will review and consolidate their knowledge of Latin grammar and apply that knowledge to the reading of short classical texts, both literary and non-literary (such as inscriptions). Students should leave the course able to read with the precision that is necessary to use primary sources in research.

Course Notes: **Students wishing to continue after Latin Ax should proceed to Latin 10. No auditors. May be taken Pass/Fail.**

Recommended Prep: **Students considering Latin Ax should take the Latin Placement Exam and consult with the Preceptor in the Classics (livings@g.harvard.edu).**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Latin
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Latin

FAS: Final Assessment Category	Three-hour Exam

Latin H

Introductory Latin Prose Composition (135062)

Rachel Love

2019 Fall (4 Credits) **Schedule:** MWF 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Practice in the translation of sentences and connected prose passages from English into Latin, with review of Latin syntax.

Recommended Prep: **One 100-level Latin prose reading course.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Latin
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Latin

Latin K

Advanced Latin Prose Composition: Seminar (114908)

Michael Konieczny

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Exercise in the prose style of different authors and periods, working within various subject areas and genres. As a guide to composition, we will read and analyze illustrative passages from authors including Cato, Cicero, Sallust, Livy, Seneca, Tacitus, and Apuleius. Weekly assignments will include both reading and composition. Instead of a final exam, there will be a final composition project.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Latin
HCOL: Foreign Lang Citation	Latin
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Latin 1 Section: LEC

Introductory Latin 1 (203025)

Ivy Livingston

2019 Fall (4 Credits) **Schedule:** MTWR -

Instructor Permissions: None **Enrollment Cap:** n/a

Latin 1 is a starting point for those interested in learning to read the Latin language. Participants will begin to gain direct access to the literature and culture of the Roman world through its writings.

Course Notes: **Students wishing to continue after Latin 1 should proceed to Latin 2, which continues the introductory sequence and prepares students for Latin 3. Auditors allowed with permission of course head.**
May be taken Pass/Fail.

Class Notes: **Latin 1 will be offered in two sections, both MTWTh, one from 9 to 10: 15 and one from 10:30 to 11:45. Attend either time during the first week, and enrollees will be sectioned after the Course Registration Deadline on September 9th.**

Recommended Prep: **None. Latin 1 is an introductory course for students with no prior experience. Those who have studied Latin formally are not permitted to enroll in Latin 1, but should instead consider Latin Ax (Review and Reading) or Latin 1x (Accelerated Introduction to Latin); please consult with the Preceptor in the Classics (livings@g.harvard.edu).**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Latin
HCOL: Foreign Lang Citation	Latin

Latin 1X

Accelerated Introductory Latin 1 (203254)

Ivy Livingston

2020 Spring (4 Credits) **Schedule:** MTWRF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Latin 1x is the first half of a two-semester intensive introduction to the Latin language. Participants will begin to gain direct access to the literature and culture of the Roman world through its writings at a more rapid pace than Latin 1.

Course Notes: **Students wishing to continue after Latin 1x should proceed to Latin 2x, which completes the accelerated introductory sequence and prepares students for Latin 10.**
No auditors. May be taken Pass/Fail.

Recommended Prep: **None, but since 1x is an intensive course, students should feel confident of their ability to learn a highly inflected language relatively quickly, taking into account the demands of other commitments. Students with a little prior experience may take Latin 1x with the permission of the course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Latin

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	Latin
FAS: Final Assessment Category	Three-hour Exam

Latin 2 Section: LEC

Introductory Latin 2 (203253)

Ivy Livingston

2020 Spring (4 Credits) **Schedule:** MTWR -

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Latin 2 continues from Latin 1. Participants will continue to develop their ability to read Latin with increasing emphasis on classical texts.

Course Notes: **Students wishing to continue after Latin 2 should proceed to Latin 3, which concludes the normal introductory sequence. Auditors allowed with permission of course head. May be taken Pass/Fail.**

Class Notes: **Latin 2 will be offered in two sections, both MTWTh, one from 9 to 10: 15 and one from 10:30 to 11:45, both in Sever 104. Attend either time during the first week, and enrollees will be sectioned after the Course Registration Deadline on January 31st.**

Recommended Prep: **Latin 1 or equivalent experience; please consult with the Preceptor in the Classics (livings@g.harvard.edu).**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
HCOL: Foreign Lang Citation	Latin
FAS: Meets Foreign Lang Req	Latin
FAS Divisional Distribution	None

Latin 2X

Accelerated Introduction to Latin 2 (203258)

Ivy Livingston

2019 Fall (4 Credits) **Schedule:** MTWRF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Latin 2x is the second half of a two-semester intensive introduction to Latin. By the end of the course participants will have been introduced to all the fundamentals of the language and had practice applying their knowledge to the reading of authentic texts.

Course Notes: **Students wishing to continue after Latin 2x should proceed to Latin 10. No auditors. May be taken Pass/Fail.**

Recommended Prep: **Latin 1x or equivalent experience; please consult with the Preceptor in the Classics (livings@g.harvard.edu).**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Latin
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	Latin

Latin 3

Introductory Latin 3 (203227)

Ivy Livingston

2019 Fall (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Latin 3 concludes the normal introductory sequence, following Latin 1 and 2. By the end of the course, participants will have been introduced to all the fundamentals of the language and had practice applying their knowledge to the reading of authentic texts.

Course Notes: **Students wishing to continue after Latin 3 should proceed to Latin 10. Auditors allowed with permission of course head. May be taken Pass/Fail.**

Recommended Prep: **Latin 2 or equivalent experience; please consult with the Preceptor in the Classics (livings@g.harvard.edu).**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Latin
FAS: Meets Foreign Lang Req	Latin

Latin 10

Introduction to Latin Literature (203228)

Ivy Livingston

2020 Spring (4 Credits) **Schedule:** MWF 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Latin 10 offers close reading and analysis of Latin literary texts, both prose and poetry, beginning at an intermediate pace. Participants will improve their reading proficiency while developing an appreciation for features of style, genre, and meter.

Course Notes: **After Latin 10, students may take Latin courses at the 100-level, but are encouraged to consult with the Director of Undergraduate Studies in the Classics (classicsDUS@fas.harvard.edu) about their choice of course. Students may also take Latin 10 more than once, with the**

permission of the course head. Auditors allowed with permission of course head. May be taken Pass/Fail.

Recommended Prep: **Any one of the following: Latin 3; Latin 2x; Latin Ax. Students who have not studied Latin at Harvard should take the Latin Placement Exam and consult with the Preceptor in the Classics (livings@g.harvard.edu).**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Latin
HCOL: Foreign Lang Citation	Latin

Latin 10

Introduction to Latin Literature (203228)

Ivy Livingston

2019 Fall (4 Credits) **Schedule:** MWF 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Latin 10 offers close reading and analysis of Latin literary texts, both prose and poetry, beginning at an intermediate pace. Participants will improve their reading proficiency while developing an appreciation for features of style, genre, and meter.

Course Notes: **After Latin 10, students may take Latin courses at the 100-level, but are encouraged to consult with the Director of Undergraduate Studies in the Classics (classicsDUS@fas.harvard.edu) about their choice of course. Students may also take Latin 10 more than once, with the permission of the course head. Auditors allowed with permission of course head. May be taken Pass/Fail.**

Recommended Prep: **Any one of the following: Latin 3; Latin 2x; Latin Ax. Students who have not studied Latin at Harvard should take the Latin Placement Exam and consult with the Preceptor in the Classics (livings@g.harvard.edu).**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam
HCOL: Foreign Lang Citation	Latin
FAS: Meets Foreign Lang Req	Latin

Latin 106C

Virgil's Iliadic Aeneid: Aeneid 7–12 (212820)

Richard Thomas

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Reading of the second half of Virgil's *Aeneid*, with attention to meter and focus on improving Latin skills. Consideration of relationship to and differences from the first half, rewriting of Homer, Italian interests and emphasis, ideology, and aesthetics. Some selective study of Virgilian reception in the Roman epic tradition and beyond, and in the translation tradition.

Course Notes: **Open to students who have taken Latin 106b, and to all other qualified students.**

Recommended Prep: **Latin 10 or equivalent experience; please consult with the Preceptor in the Classics (livings@g.harvard.edu).**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Latin
FAS: Meets Foreign Lang Req	Latin
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Latin 111

Horace: Satires and Epistles (112904)

Richard Thomas

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Examines a selection of poems from both works in detail, to illuminate Horace's poetic development, attitudes to politics, patrons and power, and his philosophy of life.

Recommended Prep: **Latin 10 or equivalent experience; please consult with the Preceptor in the Classics (livings@g.harvard.edu).**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Latin
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Latin
FAS Divisional Distribution	Arts and Humanities

Latin 112B

History of Latin Literature II (121749)

Rachel Love

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

We will read extensive selections from major authors of the late Republic and Principate across a range of genres, from Vergil to Boethius, and satire to historiography, and consider their form and content against their historical contexts. Class will consist of a mixture of prepared translation from Latin and introductory lectures, while a weekly section will allow students to deepen their grammatical understanding of the texts. Designed for those with a good foundation of Latin grammar and vocabulary, students will be exposed to a robust amount of Latin prose and poetry, and at the end of the course will have acquired a solid grasp on Latin literary history.

Recommended Prep: **Latin 10 or equivalent experience; please consult with the Preceptor in the Classics (livings@g.harvard.edu).**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Latin
FAS: Meets Foreign Lang Req	Latin

Latin 115

Tacitus' Annals (121559)

Harry Morgan

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Tacitus' *Annals* are one of the most searching works of historiography ever written, and his Latin style is brilliant, challenging, and addictive. We will read major selections in the original Latin concerning the fraught reigns of the emperors Tiberius, Claudius, and Nero, and evaluate Tacitus' method and the veracity and insight of his account by comparison with contemporary inscriptions, the biographies of Suetonius, and the surviving epitomes of the later historian, Cassius Dio.

Recommended Prep: **Latin 10 or equivalent experience; please consult with the Preceptor in the Classics (livings@g.harvard.edu).**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Latin
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Latin
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Arts and Humanities

Latin 117

Livy (110614)

Rachel Love

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will prioritize Livy's role as a storyteller, focusing especially on the author's use of narrative structures in the creation of historical meaning. Through close reading of Latin excerpts across Books 4, 5, and 6 of the *Ab Urbe Condita*, we will use some of the most exciting episodes of Rome's early military history (i.e. the Siege of Veii and the Gallic Sack of Rome) to examine the relationship between history and text. Throughout, we will pay special attention to the form and function of the individual book as a unit of organization in a multi-book work of history.

Recommended Prep: **Latin 10 or equivalent experience; please consult with the Preceptor in the Classics (livings@g.harvard.edu).**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Latin
HCOL: Foreign Lang Citation	Latin
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Latin 133

Pagan and Christian Poetry in Late Antiquity (212904)

Adam Trettel

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Close reading of a selection of authors from the 4th–6th century CE, including Ausonius, Paulinus of Nola, Juvencus, Proba, Claudian, and Boethius. We will explore authors' appropriation of classical literary forms, as well as innovations in genre (e.g. Biblical epic).

Recommended Prep: **Latin 10, Medieval Latin 10, or equivalent experience; please consult with the Preceptor in the Classics (livings@g.harvard.edu).**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Latin
HCOL: Foreign Lang Citation	Latin

Latin 201

Reading Latin (117068)

Gregory Mellen

2019 Fall (4 Credits) **Schedule:** F 0300 PM - 0400 PM
MW 1030 AM - 1130 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Readings of Latin prose and poetry ranging from archaic to imperial, with emphasis on variety, quantity,

and quick comprehension of syntactic, stylistic, and generic features.

Course Notes: **Intended for graduate students in Classical Philology as preparation for the general examinations.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	Latin
FAS: Meets Foreign Lang Req	Latin

Subject: Greek

Greek AX

Ancient Greek Review and Reading (122172)

Ivy Livingston

2020 Spring (4 Credits) **Schedule:** MTWR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Greek Ax is designed for students who have studied some Greek prior to enrollment at Harvard. Participants will review and consolidate their knowledge of Greek grammar and apply that knowledge to the reading of short texts. Students should leave the course able to read with the precision that is necessary to use primary sources in research.

Course Notes: **Students wishing to continue after Greek Ax should proceed to Greek 10. No auditors. May be taken Pass/Fail.**

Recommended Prep: **Prerequisites: Students considering Greek Ax should take the Greek Placement Exam and consult with the Preceptor in the Classics (livings@g.harvard.edu).**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Ancient Greek
HCOL: Foreign Lang Citation	Ancient Greek
FAS: Course Level	For Undergraduate and Graduate Students

Greek H

Introductory Greek Prose Composition (118190)

Ivy Livingston

2020 Spring (4 Credits) **Schedule:** W 0900 AM - 1015 AM
MF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Practice in the translation of sentences and connected prose passages into Attic Greek; review of forms and syntax; readings of selections from prose authors, with an introduction to stylistic analysis.

Recommended Prep: **100-level Greek prose reading course**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Ancient Greek
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Ancient Greek

Greek 1

Introductory Ancient Greek 1 (203024)

Ivy Livingston

2019 Fall (4 Credits) **Schedule:** MTWR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Greek 1 is a starting point for those interested in learning to read ancient Greek. Participants will begin to gain direct access to the literature and culture of Greece through its writings. The specific dialect studied is that of Athens, which is the language of, e.g., Plato, Euripides, and Thucydides, as well as the basis for the language of the New Testament.

Course Notes: **Students wishing to continue after Greek 1 should proceed to Greek 2, which continues the introductory sequence and prepares students for Greek 3. Auditors allowed with permission of course head. May be taken Pass/Fail.**

Recommended Prep: **None. Greek 1 is an introductory course for students with no prior experience. Those who have studied Greek formally are not permitted to enroll in Greek 1, but should instead consider Greek Ax (Review and Reading) or Greek 1x (Accelerated Introduction to Greek); please consult with the Preceptor in the Classics (livings@g.harvard.edu).**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	Ancient Greek
FAS: Meets Foreign Lang Req	Ancient Greek
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Greek 1X

Accelerated Introduction to Ancient Greek 1 (203257)

Ivy Livingston

2020 Spring (4 Credits) **Schedule:** MTWRF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Greek 1x is the first half of a two-semester intensive introduction to ancient Greek. Participants will begin to gain direct access to the literature and culture of Greece through its writings at a more rapid pace than Greek 1. The specific dialect studied is that of Athens, which is the language of, e.g., Plato, Euripides, and Thucydides, as well as the basis for the language of the New Testament.

Course Notes: **Students wishing to continue after Greek 1x should proceed to Greek 2x, which completes the accelerated introductory sequence and prepares students for Greek 10. No auditors. May be taken Pass/Fail.**

Recommended Prep: **Prerequisites: None, but since 1x is an intensive course, students should feel confident of their ability to learn a highly inflected language relatively quickly, taking into account the demands of other commitments. Students with a little prior experience may take Greek 1x with the permission of the course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Ancient Greek
HCOL: Foreign Lang Citation	Ancient Greek

Greek 2

Introductory Ancient Greek 2 (203256)

Ivy Livingston

2020 Spring (4 Credits) **Schedule:** MTWR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Greek 2 continues from Greek 1. Participants will continue to develop their ability to read Greek with increasing emphasis on authentic texts.

Course Notes: **Students wishing to continue after Greek 2 should proceed to Greek 3, which concludes the normal introductory sequence. Auditors allowed with permission of course head. May be taken Pass/Fail.**

Recommended Prep: **Greek 1 or equivalent experience; please consult with the Preceptor in the Classics <a href"livings@g.harvard.edu.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Ancient Greek
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Ancient Greek
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	None

Greek 2X

Accelerated Introduction to Ancient Greek 2 (203260)

Ivy Livingston

2019 Fall (4 Credits) **Schedule:** MTWRF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Greek 2x is the second half of a two-semester intensive introduction to Greek. By the end of the course participants will have been introduced to all the fundamentals of the language and had practice applying their knowledge to the reading of authentic texts.

Course Notes: **Students wishing to continue after Greek 2x should proceed to Greek 10. No auditors. May be taken Pass/Fail.**

Recommended Prep: **Greek 1x or equivalent experience; please consult with the Preceptor in the Classics (livings@g.harvard.edu).**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Ancient Greek
FAS: Meets Foreign Lang Req	Ancient Greek

Greek 3

Introductory Ancient Greek 3 (203229)

Ivy Livingston

2019 Fall (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Greek 3 concludes the normal introductory sequence, following Greek 1 and 2. By the end of the course participants will have been introduced to all the fundamentals of the language and had practice applying their knowledge to the reading of authentic texts.

Course Notes: **Students wishing to continue after Greek 3 should proceed to Greek 10. Auditors allowed with permission of course head. May be taken Pass/Fail.**

Recommended Prep: **Greek 2 or equivalent experience; please consult with the Preceptor in the Classics (livings@g.harvard.edu).**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	Ancient Greek
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Ancient Greek
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam

Greek 10

Introduction to Ancient Greek Literature (203230)

Ivy Livingston

2020 Spring (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Greek 10 offers close reading and analysis of Greek literary texts, both prose and poetry, beginning at an intermediate pace. Participants will improve their reading proficiency while developing an appreciation for features of style, genre, and meter.

Course Notes: **After Greek 10, students may take Greek courses at the 100-level, but are encouraged to consult with the Director of Undergraduate Studies in the Classics (classicsDUS@fas.harvard.edu) about their choice of course. Students may also take Greek 10 more than once, with the permission of the course head. Auditors allowed with permission of course head.**

Recommended Prep: **Any one of the following: Greek 3; Greek 2x; Greek Ax. Students who have not studied Greek at Harvard should take the Greek Placement Exam and consult with the Preceptor in the Classics (livings@g. harvard.edu). Auditors allowed with permission of course head. May be taken Pass/Fail.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
HCOL: Foreign Lang Citation	Ancient Greek
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Ancient Greek
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

Greek 10

Introduction to Ancient Greek Literature (203230)

Ivy Livingston

2019 Fall (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Greek 10 offers close reading and analysis of Greek literary texts, both prose and poetry, beginning at an intermediate pace. Participants will improve their reading proficiency while developing an appreciation for features of style, genre, and meter.

Course Notes: **After Greek 10, students may take Greek courses at the 100-level, but are encouraged to consult with the Director of Undergraduate Studies in the Classics (classicsDUS@fas.harvard.edu) about their choice of course. Students may also take Greek 10 more than once, with the permission of the course head. Auditors allowed with permission of course head.**

Recommended Prep: **Any one of the following: Greek 3; Greek 2x; Greek Ax. Students who**

have not studied Greek at Harvard should take the Greek Placement Exam and consult with the Preceptor in the Classics (livings@g.harvard.edu). Auditors allowed with permission of course head. May be taken Pass/Fail.

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Ancient Greek
FAS: Meets Foreign Lang Req	Ancient Greek
All: Cross Reg Availability	Available for Harvard Cross Registration

Greek 108

Athenian Deliberative Oratory (117421)

Gregory Mellen

2019 Fall (4 Credits) **Schedule:** MWF 0130 PM - 0230 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Close reading of political speeches delivered in the Athenian Assembly, with a focus on Demosthenes' *Philippics* and *Olynthiacs*. Readings in the original Greek will be supplemented by modern scholarship on Athenian politics and government, along with ancient analyses of political rhetoric from authors such as Thucydides, Plato, Aristotle (in translation).

Recommended Prep: **Greek 10 or equivalent experience; please consult with the Preceptor in the Classics (livings@g.harvard.edu).**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Ancient Greek
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Ancient Greek
FAS: Final Assessment Category	Three-hour Exam

Greek 110

Plato (108094)

Jacob Rosen

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A close reading of Plato's *Phaedrus*, with the twin aims of improving our mastery of the Greek language and improving our understanding of Plato's philosophy.

Recommended Prep: **Greek 10 or equivalent experience; please consult with the Preceptor in the Classics (livings@g.harvard.edu).**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Ancient Greek
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Ancient Greek
FAS: Course Level	For Undergraduate and Graduate Students

Greek 111

Euripides (125873)

Michael Konieczny

2020 Spring (4 Credits) **Schedule:** MWF 0900 AM - 1000 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This course will focus on three plays from various stages of Euripides' career: *Medea*, *Iphigenia in Tauris*, and the *Bacchae*. Particular attention will be paid to matters of language, style, and dramatic technique, as well as to the social, historical and intellectual contexts in which the plays were produced. Topics covered include the role of women in Athenian society; representations of the "barbarian"; Euripides' treatment of myth; and the relationship between the rational and irrational, particularly in the *Bacchae*.

Course Notes: **Greek 10 or equivalent experience; please consult with the Preceptor in the Classics (livings@g.harvard.edu).**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Ancient Greek
FAS: Final Assessment Category	Three-hour Exam
HCOL: Foreign Lang Citation	Ancient Greek
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students

Greek 112A

History of Greek Literature I (112288)

David Elmer

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

A survey of early Greek poetry and prose, with readings from Homer, Hesiod, the Homeric Hymns, lyric poetry, and Herodotus. Discussions of genre in relation to performance, historical contexts, thematic (dis) continuities, oral tradition.

Recommended Prep: **Greek 10 or equivalent experience; please consult with the Preceptor in the Classics (livings@g.harvard.edu).**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Ancient Greek

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Ancient Greek

Greek 134

The Language of Homer (115238)

Jeremy Rau

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0100 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Essentials of Greek comparative and historical grammar, and a close reading of *Iliad* 1 and 3. Diachronic aspects of Homeric grammar and diction.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Ancient Greek
HCOL: Foreign Lang Citation	Ancient Greek
FAS: Course Level	For Undergraduate and Graduate Students

Greek 201

Reading Greek (111148)

Gregory Nagy

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Readings of Greek prose and poetry ranging from archaic to imperial, with emphasis on quick comprehension of syntactic, stylistic, and generic features.

Course Notes: **Intended for graduate students in Classical Philology as preparation for the general examinations.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Ancient Greek

Subject: Classical Studies

Classical Studies 97A

Introduction to the Ancient Greek World (116729)

Paul Kosmin

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will provide a broad overview of Greek history and culture from the Bronze Age through the Hellenistic period. We will survey major political, social, and cultural transformations, as well as major achievements in literature, material culture, and philosophy. Students will acquire familiarity with a wide variety of primary sources (all read in translation), key examples of Greek art and architecture, and selected secondary literature as they learn to appreciate a civilization that is considerably stranger and more complex than the image conveyed by modern commonplaces about "the Greeks."

Course Notes: **Concentrators are required to take either one or two semesters of Classical Studies 97, depending on their concentration track.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Arts and Humanities

Classical Studies 97B

Introduction to the Ancient Roman World (124050)

Harry Morgan

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course has three components: a chronological survey of Roman history from the beginnings to Late Antiquity; thematic explorations of key features of culture and daily life in Rome as well as other parts of Roman Italy and the provinces (including religion, law and government, elite society, Romanization, urban topography, etc.); and an introduction to the tools and methods available for research on the Roman world, with an emphasis on material culture and documentary sources.

Course Notes: **Concentrators are required to take either one or two semesters of Classical Studies 97, depending on their concentration track.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students

Classical Studies 112

Regional Study: Sicily (156313)

Kathleen Coleman

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

An in-depth exploration of the cultural history of Sicily between the Bronze Age and the Norman conquest focusing on questions of change, recurrence, and continuity within the dynamics of the Mediterranean across these two millennia.

Course Notes: **This course is required for concentrators in the Classical Civilizations track (beginning with students in the Class of 2016).**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Classical Studies 118

Ancient Greek Warfare (212910)

Natasha Bershadsky

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will introduce students to the history and myths of ancient Greek warfare. At its center will be the hoplite phalanx: its transformations through time, its relationship to wider social organization, its rules and rituals, and its lethal potential. We will also explore other modes of fighting, such as naval warfare, cavalry battle, sieges, ambushes, and feints, as well as the employment of mercenary troops and the participation of women and non-Greeks. We will examine many different kinds of ancient evidence, from epic poetry and vase painting (using the collections in the Harvard Art Museums) to historical writings and archaeological finds of arms and armor, and question how these sources can be combined or contrasted to yield radically different interpretations of ancient practices and ideologies.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Classical Studies 136

Dreams in the Ancient World (212902)

Natasha Bershadsky

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

In the ancient world, dreams linked the mortal and divine realms, portended disasters, healed the sick, and revealed the structure of the cosmos. They could also deceive and be misinterpreted or parodied. This course begins with an overview of Near Eastern materials, and then introduces students to the cultural significance of dreams in the ancient Greek and Roman worlds. We will read famous literary dreams, selected passages from ancient treatises on the nature of dreams, guides to dream interpretation, and personal accounts of dream experiences. Our examination of ancient dreaming will open the way to thinking about Greek and Roman conceptualizations of perception, vision, and meaning.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Classical Studies 148

Ancient Slavery (212903)

Harry Morgan

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

What was it like to be a slave in the ancient world—and why should historians care? This course shines a spotlight on the servile populations of Greece and Rome—their thoughts and experiences, hopes and fears. We will consider how far it is possible to reconstruct the lives of the subservient and downtrodden in antiquity; and how the ancients themselves justified and normalized the institution of slavery in their literature, philosophy, and rhetoric. We will also explore the dark legacy of ancient slavery in modern times, and ask what can be learned from the comparison of slave systems across different time periods and geographical locales. All readings, ancient and modern, are in English.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

Classical Studies 152

The Construction of Gender and Sexuality in Ancient Greece (156310)

Naomi Weiss

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will explore ancient Greek ideologies of gender difference and sexuality, including the mythical "origins" of gender, legal definitions of marriage and adultery, the gendering of space, the portrayal of women on the tragic stage, gender-bending and cross-dressing in comedy, medical models of sex and childbirth, and the links between pederasty and pedagogy. With the help of some important modern discussions about the construction of gender, sexuality, and identity, we will try to assess the ways in which sexual practices and male and female identities were imagined, formed, reinforced, and institutionalized during the archaic and classical periods (roughly 800-300 BCE).

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Classical Studies 165

Medicine in the Greco-Roman World (124969)

Mark Schiefsky

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Theories and practices of health and healing in the ancient Greco-Roman world, with special emphasis on the relationship of learned medicine to philosophy and other healing traditions.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam

Classical Studies 167

History of Greek Literature: Late 11th to Late 17th Century (212913)

Panagiotis Roilos

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The course will explore the development of the Greek language and literature from the late 11th to the early 17th c. Special emphasis will be placed on medieval and early modern Greek vernacular texts, the Cretan Renaissance, and the Greek Enlightenment.

Course Notes: **All literary works will be available in translation. Students with advanced knowledge of Greek will be expected to read texts in the original.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students

Classical Studies 168

The Persian Empire: Images and Realities (212835)

Paul Kosmin

Susanne Ebbinghaus

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course will investigate the history and material culture of the Achaemenid Persian Empire, from its foundation by Cyrus the Great to its destruction by the Macedonians, taking a critical look at the available

sources, both textual and visual. We will start with the foundation narratives by which Cyrus and Darius I claimed legitimate command of this empire. Second, and using the collections in the Harvard Museums, we will examine the construction of an imperial center, the development and dissemination of images and trappings of kingship, and the workings of the Achaemenid bureaucracy and administration. Third, we will tour certain provinces, asking how Persian imperialism impacted local communities—Babylonia, Judea, Lydia and Ionia, Egypt, and Caria and Lycia. Finally, after attempting to understand the Persian Empire on its own terms, we will turn to the Greek sources that for so long dominated our understandings.

Class Notes: **This course is capped at 15. Please see the course site and submit the requested statement of interest by the end of the day on Friday, September 6th.**

Recommended Prep: **None.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Classical Studies 222

Regional Study: Macedonia (109565)

Emma Dench

Paul Kosmin

2020 Spring (4 Credits) **Schedule:** R 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 6

This graduate seminar will explore the political and cultural history of Macedonia and northern Greece, from the archaic period to late antiquity. We will focus on questions of change, recurrence, and continuity within the long history of this frontier region, at the threshold of the Aegean and Balkan worlds.
The seminar will be discussion-based, and texts, objects, and ideas will be brought into dialogue around themes that are arranged roughly chronologically. These will include the formation and identity of the Macedonian kingdom, interactions with Balkan and Asian neighbors, conflicts with Greek poleis, imperial expansion and consolidation, provincialization by Rome, and the dynamics of early Christian community building.
Our enquiry will be conducted on several different scales: we will be informed both by close reading of texts and close examination of individual sites and objects, by the different, broader modern arguments into which texts, sites and objects are drawn, and by the big, overarching questions that we will ask as we move across time and place. We will take a week-long, funded tour of Macedonia during Spring Break, in order to visit the most significant archaeological sites and museum collections.

Class Notes: **Enrollment is capped at 6, and is by application only. We regret that we are unable to accommodate auditors.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students

Subject: Classics

Classics 93

Advanced Tutorial for Credit (160358)

David Elmer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Tutorial instruction for course credit open to candidates for honors who are qualified to do special reading projects in Greek and/or Latin.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Arts and Humanities

Classics 93

Advanced Tutorial for Credit (160358)

David Elmer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Tutorial instruction for course credit open to candidates for honors who are qualified to do special reading projects in Greek and/or Latin.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Not Available for Cross Registration

Classics 98

Tutorial - Junior Year (126109)

David Elmer

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Close study of a topic in Greco-Roman civilization and/or literature, culminating in the preparation of a substantial research paper (ca. 20 pages). This is a junior tutorial.

Topic: **Madness in Greek & Latin Lit.**

Course Notes: **Required of all concentrators in the junior year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Classics 98

Tutorial - Junior Year (126109)

David Elmer

2020 Spring (4 Credits) **Schedule:** M 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Close study of a topic in Greco-Roman civilization and/or literature, culminating in the preparation of a substantial research paper (ca. 20 pages). This is a junior tutorial.

Topic: **Anc. Greek & Roman Aesthetics**

Course Notes: **Required of all concentrators in the junior year.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Arts and Humanities

Classics 98 Section: 002

Tutorial - Junior Year (126109)

David Elmer

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Close study of a topic in Greco-Roman civilization and/or literature, culminating in the preparation of a substantial research paper (ca. 20 pages). This is a junior tutorial.

Topic: **Greece, Rome & West Asia**

Course Notes: **Required of all concentrators in the junior year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration

Classics 99A

Tutorial - Senior Year (111435)

David Elmer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Tutorial instruction for course credit (in addition to ordinary tutorial instruction) is open only to candidates for honors writing a thesis in their senior year whose applications for such instruction have been approved by the Director of Undergraduate Studies. Part one of a two part series.

Course Notes: **May be counted for concentration. Divisible only with permission of the Director of Undergraduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Arts and Humanities
Full Year Course	Indivisible Course

Classics 99A

Tutorial - Senior Year (111435)

David Elmer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Tutorial instruction for course credit (in addition to ordinary tutorial instruction) is open only to candidates for honors writing a thesis in their senior year whose applications for such instruction have been approved by the Director of Undergraduate Studies. Part one of a two part series.

Course Notes: **May be counted for concentration. Divisible only with permission of the Director of Undergraduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Indivisible Course
FAS Divisional Distribution	Arts and Humanities

Classics 99B

Tutorial - Senior Year (159882)

David Elmer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Tutorial instruction for course credit (in addition to ordinary tutorial instruction) is open only to candidates for honors writing a thesis in their senior year whose applications for such instruction have been approved by the Director of Undergraduate Studies. Part two of a two part series.

Course Notes: **May be counted for concentration. Divisible only with permission of the Director of Undergraduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Indivisible Course
Course Search Attributes	Display Only in Course Search

Classics 300

Direction of Doctoral Dissertations (114000)

Emma Dench

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
No FAINFO	300 or 3000 level class, do not generate FAINFO
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Classics 300

Direction of Doctoral Dissertations (114000)

Emma Dench

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Classics 300 Section: 002

Direction of Doctoral Dissertations (114000)

Alexander Riehle

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Classics 300 Section: 003

Direction of Doctoral Dissertations (114000)

Kathleen Coleman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Classics 300 Section: 003

Direction of Doctoral Dissertations (114000)

Kathleen Coleman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Classics 300 Section: 004

Direction of Doctoral Dissertations (114000)

David Elmer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Classics 300 Section: 004

Direction of Doctoral Dissertations (114000)

David Elmer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Classics 300 Section: 005

Direction of Doctoral Dissertations (114000)

Panagiotis Roilos

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Classics 300 Section: 005

Direction of Doctoral Dissertations (114000)

Panagiotis Roilos

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Classics 300 Section: 006

Direction of Doctoral Dissertations (114000)

Mark Schiefsky

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Classics 300 Section: 006

Direction of Doctoral Dissertations (114000)

Mark Schiefsky

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Classics 300 Section: 007

Direction of Doctoral Dissertations (114000)

Adrian Staehli

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Classics 300 Section: 007

Direction of Doctoral Dissertations (114000)

Adrian Staehli

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Classics 300 Section: 009

Direction of Doctoral Dissertations (114000)

Richard Thomas

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Classics 300 Section: 009

Direction of Doctoral Dissertations (114000)

Richard Thomas

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Classics 300 Section: 011

Direction of Doctoral Dissertations (114000)

Adriaan Lanni

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Classics 300 Section: 014

Direction of Doctoral Dissertations (114000)

Paul Kosmin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Classics 300 Section: 014

Direction of Doctoral Dissertations (114000)

Paul Kosmin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Classics 300 Section: 017

Direction of Doctoral Dissertations (114000)

Naomi Weiss

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Classics 300 Section: 017

Direction of Doctoral Dissertations (114000)

Naomi Weiss

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Classics 301 Section: 003

Reading or Topics Course (113024)

Kathleen Coleman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Course Notes: **For graduate students whose individual needs are not met by the formal courses offered. This course is only available to students who have taken Greek 201 (for a 301 in Greek) and Latin 201 (for a 301 in Latin), or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Classics 301 Section: 003

Reading or Topics Course (113024)

Kathleen Coleman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Course Notes: **For graduate students whose individual needs are not met by the formal courses offered. This course is only available to students who have taken Greek 201 (for a 301 in Greek) and Latin 201 (for a 301 in Latin), or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Classics 301 Section: 004

Reading or Topics Course (113024)

David Elmer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Course Notes: **For graduate students whose individual needs are not met by the formal courses offered. This course is only available to students who have taken Greek 201 (for a 301 in Greek) and Latin 201 (for a 301 in Latin), or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Classics 301 Section: 004

Reading or Topics Course (113024)

David Elmer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Course Notes: **For graduate students whose individual needs are not met by the formal courses offered. This course is only available to students who have taken Greek 201 (for a 301 in Greek) and Latin 201 (for a 301 in Latin), or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Classics 301 Section: 005

Reading or Topics Course (113024)

Panagiotis Roilos

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Course Notes: **For graduate students whose individual needs are not met by the formal courses offered. This course is only available to students who have taken Greek 201 (for a 301 in Greek) and Latin 201 (for a 301 in**

Latin), or equivalent.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Classics 301 Section: 005

Reading or Topics Course (113024)

Panagiotis Roilos

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Course Notes: **For graduate students whose individual needs are not met by the formal courses offered. This course is only available to students who have taken Greek 201 (for a 301 in Greek) and Latin 201 (for a 301 in Latin), or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Classics 301 Section: 006

Reading or Topics Course (113024)

Mark Schiefsky

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Course Notes: **For graduate students whose individual needs are not met by the formal courses offered. This course is only available to students who have taken Greek 201 (for a 301 in Greek) and Latin 201 (for a 301 in Latin), or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Classics 301 Section: 006

Reading or Topics Course (113024)

Mark Schiefsky

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Course Notes: **For graduate students whose individual needs are not met by the formal courses offered. This course is only available to students who have taken Greek 201 (for a 301 in Greek) and Latin 201 (for a 301 in Latin), or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Classics 301 Section: 007

Reading or Topics Course (113024)

Adrian Staehli

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Course Notes: **For graduate students whose individual needs are not met by the formal courses offered. This course is only available to students who have taken Greek 201 (for a 301 in Greek) and Latin 201 (for a 301 in Latin), or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Classics 301 Section: 007

Reading or Topics Course (113024)

Adrian Staehli

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Course Notes: **For graduate students whose individual needs are not met by the formal courses offered. This course is only available to students who have taken Greek 201 (for a 301 in Greek) and Latin 201 (for a 301 in Latin), or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Classics 301 Section: 009

Reading or Topics Course (113024)

Richard Thomas

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Course Notes: **For graduate students whose individual needs are not met by the formal courses offered. This course is only available to students who have taken Greek 201 (for a 301 in Greek) and Latin 201 (for a 301 in Latin), or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Classics 301 Section: 009

Reading or Topics Course (113024)

Richard Thomas

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Course Notes: **For graduate students whose individual needs are not met by the formal courses offered. This course is only available to students who have taken Greek 201 (for a 301 in Greek) and Latin 201 (for a 301 in Latin), or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Classics 301 Section: 010

Reading or Topics Course (113024)

Jan Ziolkowski

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Course Notes: **For graduate students whose individual needs are not met by the formal courses offered. This course is only available to students who have taken Greek 201 (for a 301 in Greek) and Latin 201 (for a 301 in Latin), or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Classics 301 Section: 010

Reading or Topics Course (113024)

Jan Ziolkowski

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Course Notes: **For graduate students whose individual needs are not met by the formal courses offered. This course is only available to students who have taken Greek 201 (for a 301 in Greek) and Latin 201 (for a 301 in Latin), or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Classics 301 Section: 013

Reading or Topics Course (113024)

Jared Hudson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Course Notes: **For graduate students whose individual needs are not met by the formal courses offered. This course is only available to students who have taken Greek 201 (for a 301 in Greek) and Latin 201 (for a 301 in Latin), or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Classics 301 Section: 014

Reading or Topics Course (113024)

Paul Kosmin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Course Notes: **For graduate students whose individual needs are not met by the formal courses offered. This course is only available to students who have taken Greek 201 (for a 301 in Greek) and Latin 201 (for a 301 in Latin), or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Classics 301 Section: 014

Reading or Topics Course (113024)

Paul Kosmin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Course Notes: **For graduate students whose individual needs are not met by the formal courses offered. This course is only available to students who have taken Greek 201 (for a 301 in Greek) and Latin 201 (for a 301 in Latin), or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Classics 301 Section: 015

Reading or Topics Course (113024)

Gregory Nagy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Course Notes: **For graduate students whose individual needs are not met by the formal courses offered. This course is only available to students who have taken Greek 201 (for a 301 in Greek) and Latin 201 (for a 301 in Latin), or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Classics 301 Section: 015

Reading or Topics Course (113024)

Gregory Nagy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Course Notes: **For graduate students whose individual needs are not met by the formal courses offered. This course is only available to students who have taken Greek 201 (for a 301 in Greek) and Latin 201 (for a 301 in Latin), or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Classics 301 Section: 016

Reading or Topics Course (113024)

Jeremy Rau

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Course Notes: **For graduate students whose individual needs are not met by the formal courses offered. This course is only available to students who have taken Greek 201 (for a 301 in Greek) and Latin 201 (for a 301 in Latin), or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Classics 301 Section: 016

Reading or Topics Course (113024)

Jeremy Rau

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Course Notes: **For graduate students whose individual needs are not met by the formal courses offered. This course is only available to students who have taken Greek 201 (for a 301 in Greek) and Latin 201 (for a 301 in Latin), or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Classics 301 Section: 017

Reading or Topics Course (113024)

Naomi Weiss

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Course Notes: **For graduate students whose individual needs are not met by the formal courses offered. This course is only available to students who have taken Greek 201 (for a 301 in Greek) and Latin 201 (for a 301 in Latin), or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Classics 301 Section: 017

Reading or Topics Course (113024)

Naomi Weiss

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Course Notes: **For graduate students whose individual needs are not met by the formal courses offered. This course is only available to students who have taken Greek 201 (for a 301 in Greek) and Latin 201 (for a 301 in**

Latin), or equivalent.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Classics 302

Special Examinations Direction (111873)

Emma Dench

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
No FAINFO	300 or 3000 level class, do not generate FAINFO

Classics 302

Special Examinations Direction (111873)

Emma Dench

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Classics 302 Section: 003

Special Examinations Direction (111873)

Kathleen Coleman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Classics 302 Section: 003

Special Examinations Direction (111873)

Kathleen Coleman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Classics 302 Section: 004

Special Examinations Direction (111873)

David Elmer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Classics 302 Section: 004

Special Examinations Direction (111873)

David Elmer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Classics 302 Section: 005

Special Examinations Direction (111873)

Panagiotis Roilos

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Classics 302 Section: 005

Special Examinations Direction (111873)

Panagiotis Roilos

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Classics 302 Section: 006

Special Examinations Direction (111873)

Mark Schiefsky

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Classics 302 Section: 006

Special Examinations Direction (111873)

Mark Schiefsky

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Classics 302 Section: 007

Special Examinations Direction (111873)

Adrian Staehli

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Classics 302 Section: 007

Special Examinations Direction (111873)

Adrian Staehli

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Classics 302 Section: 009

Special Examinations Direction (111873)

Richard Thomas

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Classics 302 Section: 009

Special Examinations Direction (111873)

Richard Thomas

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Classics 302 Section: 010

Special Examinations Direction (111873)

Jan Ziolkowski

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Classics 302 Section: 010

Special Examinations Direction (111873)

Jan Ziolkowski

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Classics 302 Section: 011

Special Examinations Direction (111873)

Adriaan Lanni

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Classics 302 Section: 011

Special Examinations Direction (111873)

Adriaan Lanni

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Classics 302 Section: 014

Special Examinations Direction (111873)

Paul Kosmin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Classics 302 Section: 014

Special Examinations Direction (111873)

Paul Kosmin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Classics 302 Section: 015

Special Examinations Direction (111873)

Gregory Nagy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Classics 302 Section: 015

Special Examinations Direction (111873)

Gregory Nagy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Classics 302 Section: 016

Special Examinations Direction (111873)

Jeremy Rau

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Classics 302 Section: 016

Special Examinations Direction (111873)

Jeremy Rau

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Classics 302 Section: 017

Special Examinations Direction (111873)

Naomi Weiss

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Classics 302 Section: 017

Special Examinations Direction (111873)

Naomi Weiss

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Classics 302 Section: 019

Special Examinations Direction (111873)

Susanne Ebbinghaus

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Classics 302 Section: 019

Special Examinations Direction (111873)

Susanne Ebbinghaus

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Classics 302 Section: 022

Special Examinations Direction (111873)

Jason Ur

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Classics 302 Section: 023

Special Examinations Direction (111873)

Jacob Rosen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Classics 302 Section: 023

Special Examinations Direction (111873)

Jacob Rosen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Classics 302 Section: 024

Special Examinations Direction (111873)

Kimberley Patton

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Classics 302 Section: 024

Special Examinations Direction (111873)

Kimberley Patton

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Classics 302 Section: 026

Special Examinations Direction (111873)

Adam Trettel

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Classics 302 Section: 026

Special Examinations Direction (111873)

Adam Trettel

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Classics 303

Research and Teaching (208346)

Alyson Lynch

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Classics 303

Research and Teaching (208346)

Alyson Lynch

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Classics 350

Classics Proseminar (113591)

Jeremy Rau

2019 Fall (4 Credits) **Schedule:** F 1030 AM - 1230 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Designed to introduce graduate students in the Department of the Classics to the essential fields, tools, and methodologies of the discipline.

Course Notes: **For first-year students working toward the PhD in the Department of the Classics. Open to other students by permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Classics 360

Teaching Colloquium (108588)

Ivy Livingston

2019 Fall (2 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A practicum course in the craft of teaching. Topics include designing syllabi and assessments, responding to student writing, and guiding classroom discussion. Strategies will be applicable to courses working entirely in English as well as to those in the languages.

Course Notes: **This course must be taken Sat/Unsat. Not repeatable for credit. No auditors.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Classics 360

Teaching Colloquium (108588)

Ivy Livingston

2020 Spring (2 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A practicum course in the craft of teaching. Topics include designing syllabi and assessments, responding to student writing, and guiding classroom discussion. Strategies will be applicable to courses working entirely in English as well as to those in the languages.

Course Notes: **This course must be taken Sat/Unsat. Not repeatable for credit. No auditors.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Subject: Modern Greek

Modern Greek AA

Elementary Modern Greek (159840)

Calliopi Dourou

2019 Fall (4 Credits) **Schedule:** MTWR 1200 PM - 0100 PM

Instructor Permissions: None **Enrollment Cap:** n/a

For students with no knowledge of modern Greek. Basic oral expression, listening comprehension, grammar, reading, and writing. Language instruction is supplemented by reading of simple literary passages and other texts, as well as by online instruction. Part one of a two part series.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
Full Year Course	Divisible Course
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Modern Greek
HCOL: Foreign Lang Citation	Modern Greek
All: Cross Reg Availability	Available for Harvard Cross Registration

Modern Greek AB

Elementary Modern Greek (159841)

Calliopi Dourou

2020 Spring (4 Credits) **Schedule:** MTWR 1200 PM - 0100 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For students with no knowledge of modern Greek. Basic oral expression, listening comprehension, grammar, reading, and writing. Language instruction is supplemented by reading of simple literary passages and other texts, as well as by online instruction.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Modern Greek
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Modern Greek
Full Year Course	Divisible Course

Modern Greek BA

Intermediate Modern Greek: Culture and Civilization (159842)

Calliopi Dourou

2019 Fall (4 Credits) **Schedule:** MTWR 0900 AM - 1000 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Aims at further development of skills in speaking, comprehension, reading, and writing. Selected readings in prose (literary and journalistic), poetry, folksongs, modern music, and theater serve as an introduction to aspects of modern Greek literature and culture. The course is conducted in Greek and focuses on topics selected by the instructor and the students in the first term. Grammar is reviewed in the context of readings. Instruction is supplemented by online instruction.

Course Notes: **Part one of a two part series.**

Recommended Prep: **An elementary knowledge of modern Greek equivalent to that of Modern Greek Aa and Ab.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Modern Greek
FAS: Meets Foreign Lang Req	Modern Greek
Full Year Course	Divisible Course
FAS Divisional Distribution	None

Modern Greek BB

Intermediate Modern Greek: Culture and Civilization (159843)

Calliopi Dourou

2020 Spring (4 Credits) **Schedule:** MTWR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Aims at further development of skills in speaking, comprehension, reading, and writing. Selected readings in prose (literary and journalistic), poetry, folksongs, modern music, and theater serve as an introduction to aspects of modern Greek literature and culture. The course is conducted in Greek and focuses on topics selected by the instructor and the students in the first term. Grammar is reviewed in the context of readings. Instruction is supplemented by online instruction.

Course Notes: **Part two of a two part series.**

Recommended Prep: **Knowledge of modern Greek equivalent to that of Modern Greek Aa, Ab, and Ba.**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
FAS: Meets Foreign Lang Req	Modern Greek
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	Modern Greek
All: Cross Reg Availability	Available for Harvard Cross Registration

Modern Greek 10

Introduction to Modern Greek Texts (212818)

Calliopi Dourou

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course is designed for students who possess an intermediate level in Modern Greek. It aims at further development of reading and listening comprehension as well as oral and written expression. The students will expand their vocabulary in thematic areas, such as technology, arts, environment, education, and politics. The course will also offer a targeted review of advanced grammatical phenomena, such as passive voice, indirect speech, and subordinate clauses. At the same time, the students will delve deeper into Modern Greek culture by being exposed to various cultural media, including prose (literary and journalistic), film, and music.

Course Notes: **Conducted in Modern Greek. It prepares students to take "MODGRK 100: Introduction to Modern Greek Literature" in the spring.**

Recommended Prep: **Modern Greek BA or BB or equivalent. Consult with Instructor.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Modern Greek
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Modern Greek

Modern Greek 90

Modern Greek Language Tutorials (214511)

Calliopi Dourou

2020 Spring (4 Credits) **Schedule:** F 1030 AM - 1145 AM
W 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the instructor to learn more.

Course Notes: **Special topic: Reading Scholarly Modern Greek.**
This tutorial is addressed to students who want to develop literacy competence in order to read Modern Greek scholarly texts. No prior knowledge of the language is required: The entirety of the grammatical concepts and forms necessary to comprehend written academic Greek will be covered. The students will also gain familiarity with various academic genres in Greek (among others, articles, chapters, reviews, lecture transcripts). Emphasis is placed on grammar and on reading strategies that enable students to locate, select, and comprehend texts that are central to their research needs. Students will become familiar with the major stylistic features of contemporary academic Modern Greek and will consolidate their competence through various reading, translating, and writing activities. The assigned material will also familiarize students with basic aspects of Modern Greek life and culture.

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	Modern Greek
FAS: Meets Foreign Lang Req	Modern Greek
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Modern Greek 100

Advanced Modern Greek: Introduction to Modern Greek Literature (123852)

Calliopi Dourou

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Glimpses of Antiquity: Navigating the contours of Hellenism in Modern Greek Literature

Even as early as the fifteenth century, Greek intellectuals had increasingly begun to identify themselves primarily as *remnants of ancient Greece*. By calling attention to the impressive literary and philosophical achievements of their illustrious ancestors, as well as by foregrounding the continuity between the ancient past and the present, these renowned Hellenists, anticipating the much-coveted *regeneration* of Greece that Adamantios Korais was later to promote so passionately at the dawn of the nineteenth century, were not ushering in a stridently novel conceptualization of Greek antiquity.

Far from being unprecedented, the view that the Byzantines were descended from the ancient Greeks, spawned primarily in the wake of the Fourth Crusade and the concomitant conquest of Constantinople in 1204, enjoyed considerable popularity already in the thirteenth century, when the Empire of Nicaea proudly played a leading role in the reconfiguration of the Byzantine past and dynamically consolidated the reputation of the Byzantines as the true heirs to the enduring legacy of classical Greece.

At this early date, the newly evoked association with the Byzantines' ancient Greek forebears was mostly intended to bring further *kudos* to the traditional identity of the Byzantines *qua* Romans. This association was later to develop into a full-blown alternative identity, which by the second half of the fifteenth century had come to overshadow—or sometimes even eclipse—the identification of the Byzantines as Romans, which had lasted a thousand years.

Against this rich backdrop of sharply shifting perceptions of the ancient Greek past and increased focus on re-elaborations of a Hellenic collective identity, this course will seek to explore the intriguing ways in which Greek writers endeavored to get to grips with their Hellenic heritage in subsequent centuries. Authors to be studied include the following: C. P. Cavafy, Odysseas Elytis, Andreas Kalvos, Kostis Palamas, Alexandros Papadiamantis, Iakovos Pitzipios, Yiannis Ritsos, Giorgos Seferis, Dionysios Solomos, Dido Sotiriou, Georgios Vizyenos.

Course Notes: **Conducted in Modern Greek. Permission of instructor required.**

Recommended Prep: **Modern Greek Ba and Bb or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Modern Greek
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Modern Greek
FAS: Course Level	For Undergraduate and Graduate Students

Modern Greek 167

History of Greek Literature: Late 11th to Late 17th Century (212913)

Panagiotis Roilos

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The course will explore the development of the Greek language and literature from the late 11th to the early 17th c. Special emphasis will be placed on medieval and early modern Greek vernacular texts, the Cretan Renaissance, and the Greek Enlightenment.

Course Notes: **All literary works will be available in translation. Students with advanced knowledge of Greek will be expected to read texts in the original.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

Subject: Classical Philology

Classical Philology 212

Aristotle on Motion (212916)

Jacob Rosen

Mark Schiefsky

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

We will study Aristotle's writings on the philosophy and science of motion. Our main texts will be Aristotle's *Physics* and *On Generation and Corruption*. If time permits, we may explore how certain themes played out in later thinkers, such as Galileo.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Classical Philology 239

Intertextuality and Reception from Alexandria to Rome and Beyond (212664)

Richard Thomas

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Exploration of the pragmatics of the intertextual relationship of Hellenistic poetry to the prior Greek tradition, and of republican, Augustan, and imperial Roman poets' further complicating of and building on this practice. Particular attention to the effect of intertextuality on genre and genre formation. How is intertextuality to be situated within the field of reception studies or the classical tradition? What, if any, are or should be the limitations of reception studies within the field of classical philology?

Course Notes: **Requirements: Greek and Latin.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities

Classical Philology 249

The Greek Dialects: Seminar (127932)

Jeremy Rau

2020 Spring (4 Credits) **Schedule:** T 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A systematic introduction to the Greek dialects and their historical and comparative grammar. Reading

knowledge of Greek required.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Classical Philology 259

Venantius Fortunatus (212909)

Adam Trettel

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Participants in this seminar will gain methods for studying rival intellectual traditions by exploring the work and life of Venantius Fortunatus, often called "the last poet of antiquity." In reading him alongside his contemporaries, we will treat him as a case study within a dynamic and rapidly developing political and artistic landscape. Topics to be discussed include late ancient attitudes to friendship and gender; the role of the Roman past in Merovingian political life; Christian use of classical literature; the influence of poetry on Western monasticism and religious practice.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities

Classical Philology 261

Aeschylus: New Approaches to Early Tragedy (212908)

Naomi Weiss

2020 Spring (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This seminar explores some of the most recent trends in scholarship on ancient Greek theater by taking four Aeschylean tragedies as case studies: *Persians*, *Seven Against Thebes*, *Suppliants*, and *Prometheus Bound*. Looking at these plays with attention to materiality, affect, embodiment, visuality, sound, music, and cognition, we will consider how (and whether) such approaches lead us to novel understandings of dramatic texts. At the same time, this seminar is about the experimental nature of Athenian theater as much as it is about the experimental readings of modern scholars. By focusing largely on plays from the first half of the fifth century BCE, we will try to appreciate anew Aeschylus' remarkable innovations during this early phase in the development of tragedy.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities

Subject: Medieval Latin

Medieval Latin 10

Introduction to Medieval Latin Literature (203237)

Adam Trettel

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Medieval Latin 10 offers close reading and analysis of post-classical literary texts, both prose and poetry, beginning at an intermediate pace. Participants will improve their reading proficiency while developing an appreciation for features of style, genre, and meter.

Course Notes: **After Medieval Latin 10, students may take Latin courses at the 100-level, but are encouraged to consult with the Director of Undergraduate Studies in the Classics (classicsDUS@classics.harvard.edu) about their choice of course.**

Recommended Prep: **Any one of the following: Latin 3; Latin 2x; Latin Ax. Students who have not studied Latin at Harvard should take the Latin Placement Exam and consult with the Preceptor in the Classics (livings@g.harvard.edu).**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Latin
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Latin
FAS: Course Level	For Undergraduate and Graduate Students

Medieval Latin 133

Pagan and Christian Poetry in Late Antiquity (212904)

Adam Trettel

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Close reading of a selection of authors from the 4th–6th century CE, including Ausonius, Paulinus of Nola, Juvencus, Proba, Claudian, and Boethius. We will explore authors' appropriation of classical literary forms, as well as innovations in genre (e.g. Biblical epic).

Recommended Prep: **Latin 10, Medieval Latin 10, or equivalent experience; please consult with the Preceptor in the Classics (livings@g.harvard.edu).**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Latin
FAS: Meets Foreign Lang Req	Latin

FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Medieval Latin 205

Waltharius (114621)

Jan Ziolkowski

2019 Fall (4 Credits) **Schedule:** T 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

***Beowulf* was not the only Germanic heroic epic. Considers the Walter of Aquitaine poem, from authorship and date of composition to conflicting interpretations. Relates the text to both historical and literary (vernacular and Latin) contexts. Considers other versions of the legend, sources in classical and Christian Latin literature, and cultural reception from 1780 on.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Medieval Latin 259

Venantius Fortunatus (212909)

Adam Trettel

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Participants in this seminar will gain methods for studying rival intellectual traditions by exploring the work and life of Venantius Fortunatus, often called "the last poet of antiquity." In reading him alongside his contemporaries, we will treat him as a case study within a dynamic and rapidly developing political and artistic landscape. Topics to be discussed include late ancient attitudes to friendship and gender; the role of the Roman past in Merovingian political life; Christian use of classical literature; the influence of poetry on Western monasticism and religious practice.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature

Subject: Comparative Literature

Comparative Literature 91R

Supervised Reading and Research (109021)

Sandra Naddaff

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A graded, supervised course of reading and research to be conducted by a person approved by the Director of Undergraduate Studies.

Course Notes: **Permission of Director of Undergraduate Studies required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 91R Section: 1

Supervised Reading and Research (109021)

Sandra Naddaff

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A graded, supervised course of reading and research to be conducted by a person approved by the Director of Undergraduate Studies.

Course Notes: **Permission of Director of Undergraduate Studies required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Comparative Literature 97

Tutorial - Sophomore Year (114038)

Annette Lienau

2020 Spring (4 Credits) **Schedule:** F 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

How to make a sound demonstration in the field of literary analysis? What are the building blocks for a cogent approach to comparative studies? We'll pay attention to various scales of textual commentary, from the microscopic lens of close reading to the medium scope of thematic reading, with an eye to macroscopic trends in literary history and critical theory. We'll befriend texts ranging from various genres (poetry; fiction; drama) and relate form to content, historical context to contemporary significance, and join the dots connecting notions of authorship to reception theory.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Comparative Literature 97 Section: 002

Tutorial - Sophomore Year (114038)

Annette Lienau

2020 Spring (4 Credits) **Schedule:** F 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

How to make a sound demonstration in the field of literary analysis? What are the building blocks for a cogent approach to comparative studies? We'll pay attention to various scales of textual commentary, from the microscopic lens of close reading to the medium scope of thematic reading, with an eye to macroscopic trends in literary history and critical theory. We'll befriend texts ranging from various genres (poetry; fiction; drama) and relate form to content, historical context to contemporary significance, and join the dots connecting notions of authorship to reception theory.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 98A

Tutorial - Junior Year (112485)

Sandra Naddaff

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An individualized course of study designed by junior concentrators in Comparative Literature to explore specific interests and fields, and ordinarily directed by a member of the Tutorial Board. Open to concentrators only. This is a junior tutorial.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Comparative Literature 98B

Tutorial - Junior Year (110809)

Sandra Naddaff

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A continuation of Literature 98a, focusing on the student's special field of study. Open to concentrators only. This is a junior tutorial.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 99A

Tutorial - Senior Year (114294)

Sandra Naddaff

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An individualized course of study for senior concentrators in Comparative Literature that focuses on the senior thesis project. Open to concentrators only.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

Comparative Literature 99B

Tutorial - Senior Year (110623)

Sandra Naddaff

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A continuation of Literature 99a, including preparation for the oral examinations. Open to concentrators only.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Comparative Literature 99B

Tutorial - Senior Year (110623)

Sandra Naddaff

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A continuation of Literature 99a, including preparation for the oral examinations. Open to concentrators only.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Comparative Literature 102

Comparing, Connecting, Compos(t)ing: Comparative Literature from Lucretius to Elfriede Jelinek (205024)

Katharina Piechocki

2019 Fall (4 Credits) **Schedule:** R 0945 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This seminar centers on six writers—Lucretius, William Shakespeare, Jules Verne, Virginia Woolf, Aimé Césaire, and Elfriede Jelinek—as well as filmmakers such as Stuart Paton and Maya Deren, composers such as Tchaikovsky, and different visual artists. Unlike other introductory or survey courses, this seminar introduces you to literary studies and related art forms (film, fine arts, music, science, etc.) through the practice of slow reading. We typically dedicate two weeks to one author whose work we explore more carefully (reading a book in its entirety, not samples), by couching it in an interdisciplinary context. This means that we will read fewer pages per week, but we will study them in a more focused way. Slowing down our reading pace will allow us to appreciate more deeply how writers and artists created and understood the world around them and why they still inspire and transform us today. It will allow us to engage in-depth with the specific media and means they use(d) to create their works (style, genre, etc.). Some recurring topics that will accompany us throughout the semester include the environment, the importance and variety of nature, migration, and gender. Through close reading of carefully selected works, accompanied by major critical and theoretical statements, we will sharpen our interpretive skills and engage with literary, visual, and aural texts from the past two millennia as we'll explore the relation of literature to topics as diverse as the rise of new media, technological transformation and its relation to the humanities, the

human/non-human divide, medicine, sexuality, translation, space, race, ecology, violence, and (post-) colonialism. Film screenings and visits to the Houghton Library, Harvard Museum of Natural History, and the Institute of Contemporary Art in Boston are an important part of the course.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 106

The Yiddish Short Story: Folk Tales, Monologues, and Post-Apocalyptic Parables (212720)

Saul Zaritt

2020 Spring (4 Credits) **Schedule:** W 0900 AM - 1100 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Who are the storytellers of Yiddish literature? Where did their stories come from? Why did the short story become the central genre of modern Jewish literary culture? This course explores the genealogy of the Yiddish short story from the hasidic folk tale to the modernist sketch, from the monologues of Sholem Aleichem and Isaac Bashevis Singer to the haunting narratives of David Bergelson and Der Nister. Stretching from the nineteenth century to the present, we follow the short story in its comparative contexts from Eastern Europe to Western Europe, Palestine/Israel, and the US. Note: All texts will be taught in translation; optional reading section for those with Yiddish knowledge.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

Comparative Literature 108

Translating World Literature (212721)

Luke Leafgren

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

In this course, students will read selections from a dozen works from the canon of world literature with particular attention to their existence as translated texts. The course will highlight the role of translation in the history of a text and its reception within new contexts. By reading different translations of the same work, students will be able to examine the choices translators have made, consider the ethical responsibilities of the translator, and explore the role of translation in mediating the meaning of the text. The course will also incorporate short readings on translation theory and presentations on the original languages of composition. Assignments will include written comparisons of different translations, with the option to translate a text into English.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Comparative Literature 109

On Translation (117413)

Sandra Naddaff

2019 Fall (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Examines theories of translation from various periods (Dryden, Schopenhauer, Schleiermacher, Benjamin, de Man, among others). Also looks closely at specific translated texts (e.g., various English translations of *The Thousand and One Nights*), and considers such topics as the notion of ^'^'unequal languages,'' the problem of cultural translation, translation post-9/11, and the possibility of untranslatability. Final project involves an original translation and commentary.

Course Notes: **Preference given to Literature concentrators.**

Recommended Prep: **Reading knowledge of one foreign language.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Comparative Literature 122

Soviet Theory and the West (214549)

Justin Weir

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course treats important Soviet theoretical contributions in philosophy, psychology, literature, film, and culture in dialogue with comparable movements in the West. In particular, we will look at the key role of language and semiotics, as well as its rejection, in various theoretical models. Reading will focus on major works by Vygotsky, Bakhtin, Lukacs, Shklovsky, Jakobson, Lotman, and others. All readings will be in English translation.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Comparative Literature 128

Modernism in Theory and Practice (212773)

David Damrosch

2019 Fall (4 Credits) **Schedule:** M 0345 PM - 0444 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Modernism was an exceptionally critically self-aware movement, marked by manifestoes, arguments with friends and against enemies, and theoretical reflections woven into literary works. This course explores the interplay of theory and practice in the work of three major European modernists, Marcel Proust, Virginia Woolf, and Franz Kafka, from diaries and letters to programmatic essays to major novels, looking particularly at formal experiment and social concern, the construction of political, religious, and sexual identity, and transformations of narrative time and novelistic space.

Class Notes: **This course meets from 3pm-5pm.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 134

World Cinema (109666)

Katharina Piechocki

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

What is "world cinema"? How has cinema been responding, since its beginnings in the late 19th century, to global topics and debates that move the world? What contact zones exist between world cinema and world literature? Can we translate films from one culture into another? This course explores films by Georges Méliès, Dziga Vertov, Sergiej Eisenstein, Maya Deren, Wu Yonggang, Fritz Lang, Federico Fellini, Ousmane Sembène, Samira Makhmalbaf, Raoul Walsh, Luís Buñuel, Woody Allen, Pedro Almodovar, Nadine Labaki, and Deepak Rauniyar.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students

Comparative Literature 143

The Jewish Library: Four Jewish Classics (214504)

David Stern

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Judaism is a famously text-centric religious culture, founded not only on a single book, the Hebrew Bible, but profoundly involved in the study and ritual use of other classic texts like the Babylonian Talmud, the Prayerbook, Biblical commentaries like that of Rashi, and the Passover Haggadah. This course will study the development of these four books and their transformation from texts into books with distinct physical and material features. In the case of each book, the text will be studied historically-- "excavated" for its sources and roots, and its subsequent development over the centuries—and holistically, as a canonical document in Jewish tradition. Class time will be devoted primarily to learning to read the primary sources in translation; supplementary secondary readings will provide historical and cultural context The seminar will also include regular visits to Houghton Library to look at manuscripts, early printed editions, and facsimiles of these books in order to study the changing shapes these books have taken as a key to understanding how they were studied and used, and to consider the relationship of materiality to textuality. While each book will raise its own set of issues, we will repeatedly deal with three basic questions: What makes a "Jewish" text? How do these books represent different aspects of Jewish identity? What can these books tell us about the canonical books of other religious traditions?

No previous background in either Judaism or Jewish history is required. All readings in English translation. While this course is not a formal introduction to Judaism, it does aim to introduce students to Judaism and Jewish culture from *inside* its classic texts.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Comparative Literature 147

Global Crime Fiction: Tackling Crime, Corruption, and Social Disintegration (205067)

Karen Thornber

2019 Fall (4 Credits) **Schedule:** M 0600 PM - 0845 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Crime fiction is one of literature's most popular genres, with hundreds of millions of fans across the globe. Both local and foreign crime fiction, the latter often in translation, flies off bookshelves from Boston to Barcelona to Beijing and beyond, regardless of whether the novel takes place in a small Swedish village or in multiple cosmopolitan megacities. Why is this? Part of it is in the storytelling. Who can resist a gripping whodunit with unexpected twists and turns and often with an appealing investigator or detective (professional or amateur), particularly if everything is resolved at the end, and often in ways we least expect? But part of the appeal of crime fiction is also the insights this genre can offer into some of the most significant challenges facing societies globally. In this course we will read a selection of bestselling crime fiction from the Americas, Africa, Asia, Europe, and the Middle East. We will be most concerned with what this literature tells us about investigating, exposing, and potentially ameliorating historical crimes, environmental crimes, corruption in criminal justice, and social disintegration, particularly as these involve injustices inflicted on marginalized and otherwise vulnerable individuals and communities, people targeted on account of their class, ethnicity, gender, race, religion, sexuality and other factors. Secondary readings and class discussion will provide the necessary cultural and literary contexts for these readings.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Comparative Literature 151

Science Fiction (214536)

Jacob Emery

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Considers science fiction's development and shifting emphases in both of its major traditions, in Russia and in the English-speaking world. Touches on perennial themes of the genre including: our relationship to the future and the hypothetical; the technological mediation of human existence; the limits of space and time and the consequences of surpassing them; non-human and non-organic consciousness; radically different forms of human togetherness; and various apocalyptic scenarios. Reading list might include: H.G. Wells, Alexander Bogdanov, Eugene Zamiatin, Ursula K. LeGuin, Philip K. Dick, the Strugatsky Brothers, Octavia Butler, and China Miéville, as well as select films.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 153

Nabokov (212711)

Justin Weir

2019 Fall (4 Credits) **Schedule:** W 0600 PM - 0845 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course on the major fiction of Vladimir Nabokov begins with his major Russian novels in English translation, including *The Defense*, *Laughter in the Dark (Camera Obscura), Invitation to a Beheading*, and *Despair*, and concludes with classic English works, *Speak*, *Memory*, *Lolita*, and *Pnin*. Topics in the course include emigration and cross-cultural translation, literary modernism, metafiction, nostalgia and stories of childhood, as well as the literary representations of tyranny, violence, and abuse. We will pay additional attention to Nabokov's interest in film and film aesthetics, and we will consider four screen versions of his novels (*Luzhin's Defense, Laughter in the Dark, Despair*, and *Lolita*).

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 156

Performance and Lyric (212724)

Gregory Nagy

2020 Spring (4 Credits) **Schedule:** M 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A re-examination of "Lyric" as *occasion* as well as *genre*. Central questions to be explored will include: how do the "lyrics" of composed song come alive in performance? For example, how do the two librettists of Puccini's opera *La Bohème* contribute to the making of a masterpiece in song? Shared readings include *The Lyric Theory Reader: A Critical Anthology*, edited by Virginia Jackson and Yopie Prins. Students are free to select as their focus of research any particular "lyric" traditions, composed in whatever language. No previous knowledge of literary theory is presumed.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Comparative Literature 157

From Type to Self in the Middle Ages (112654)

Luis Giron Negron

2019 Fall (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

It has been argued that the poetic "I" in premodern literatures is not a vehicle for self-representation, but an archetype of the human. The course will examine this thesis against the rise of autobiographical writing in medieval and early modern Europe. Readings include spiritual autobiographies (Augustine, Kempe, Teresa of Ávila), letter collections, *maqama* literature, troubadour lyric, Hispano-Jewish poetry, pilgrimage narratives, medieval allegories, Dante and the picaresque novel. Theoretical perspectives by Spitzer, Lejeune, Zumthor and DeCerteau.

Course Notes: **This course counts for the Romance Studies track in the Department of Romance Languages and Literatures.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 166

Jews, Humor, and the Politics of Laughter (205045)

Saul Zaritt

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

By mistake some thieves found their way into Hershele's house late at night while he was sleeping. They searched and searched but found nothing. Meanwhile, Hershele heard their rummaging and slowly crept up behind one of the thieves. He grabbed him by the arm and the thief, naturally, tried to run away. Hershele held him close, whispering, "Be still. Maybe together we'll actually find something." Beginning with jokes like this one, this course will examine the question of Jewish humor, exploring the concept of therapeutic joking, the politics of self-deprecation, and strategies of masking social critique behind a well-timed joke. Rather than reach some essential definition, we will instead investigate literature, stand-up comedy, film, and television of the twentieth and twenty-first century in order to 1) think together about the theory, mechanics, and techniques of comedy and humor and 2) ask how and when a text or performance gets labeled Jewish, by whom and for what purposes. Texts, films, and performers include: Freud, Kafka, Sholem Aleichem, the Marx Brothers, Belle Barth, Mel Brooks, Joan Rivers, Larry David, Sarah Silverman, Broad City, and Rachel Bloom.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 167

Prayer and Prayerbook (Tefillah and Siddur) (215117)

David Stern

2020 Spring (4 Credits) **Schedule:** T 1245 PM - 0330 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The institution of organized prayer—Tefillah be-Tzibbur—is one of the most complex phenomena in Judaism because it has served historically not only as a medium for worshipping God but also for expressing communal religious identity. In the first half of this course, we will study the development of prayer from the Bible until the medieval period through reading primary sources--select passages from the Bible, Talmud and midrash, Geonic literature and other rabbinic texts—as well as secondary works for historical and literary background. We will also trace the development of piyyut, Hebrew liturgical poetry, and what it can tell us about the character of Jewish prayer. In the second part of the course, we will study the history of the prayerbook as a physical, material object from the early medieval period into the modern. Special attention will be paid to the great illustrated Ashkenazi and Italian mahzorim (holiday prayerbooks) and siddurim, and to the place of the visual imagination in Jewish religious culture. One class will also be devoted to the development of the synagogue and sacred space. The course will also include visits to Houghton Library to view original editions and rare facsimiles of manuscripts.
While the class itself will be conducted in English, all primary sources will be read in Hebrew. Students should be able to read unpointed Hebrew texts.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

Comparative Literature 172

Comparative Literatures of the Indian Ocean (212712)

Annette Lienau

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0130 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The maritime counterpart to ancient trade routes that brought silk and cannon-fire to Europe, the Indian Ocean was a space re-imagined through successive tides of trade, conquest, and exploration, historically mediating between the diverse cultures of three continents. This course introduces students to the literatures of this cosmopolitan space and to its historic lines of influence and exchange, through a comparative reading of literary texts drawn from its perimeter and from travel accounts both fictional and historical/semi-biographical. Readings will include Indic, Arabic, and Persian classics, Sufi poetry from across Asia and Africa, travel narratives in Portuguese and English, and twentieth century writing and film.

Class Notes: **This course meets 12pm-2pm.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

Comparative Literature 180

Bargaining with the Devil: the Faust Legend (205043)

John T. Hamilton

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The course focuses on the Faust legend, its elaboration in poetic history, and its formative role in the development of German literature and philosophy. In addition to a detailed study of Goethe's masterwork, discussions focus on a number of related themes, including: the problem of evil and moral philosophy; human cognition and will; alchemy and forbidden knowledge; and the insatiable lust for learning.

Class Notes: **Readings in German or English. Discussion in English.**

This course meets 3pm-5pm.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

Comparative Literature 204

Public Humanities Workshop (212800)

Martin Puchner

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Public humanities are becoming increasingly central for careers both inside and outside of academia. This workshop, which is open to beginning and advanced graduate students, introduces participants to the tools they need to address audiences other than specialists in their own field. These tools range from writing op-eds based on dissertation research to writing general interest books, and also include book reviews, podcasts, social media strategies and more. While we will discuss some historical context, the emphasis is on practice and skills. Our work will be supplemented by visits from editors and literary agents.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Comparative Literature 212

Literature on Trial: Kafka in Paris (212942)

John T. Hamilton

2020 Spring (4 Credits) **Schedule:** F 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The seminar engages in a close study of Kafka's major stories and novels, diaries and correspondence; and how this body of work was received, explicated and interpreted by key figures in post-war France: Maurice Blanchot, Jacques Lacan, Deleuze & Guattari, Jacques Derrida, and others.

Class Notes: **Readings in German and French, with English translations available. Discussion in English.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

Comparative Literature 228

Comparative Romanticism: Practice and Theory (212716)

James Engell

2019 Fall (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Selected texts in three national traditions: Coleridge, Wordsworth, Hazlitt, and Keats in English; Kant, Schiller, and Goethe in German; Emerson, Thoreau, and Whitman in American Literature. Additional writers may include Robert Lowth, the Schlegels, Novalis, Schleiermacher, and Margaret Fuller. Attention to exchange among these literatures. Additional current scholarship and criticism.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Comparative Literature 248

Literature, Cartography, and the Spatial Turn from Homer to Claire Coleman (212714)

Katharina Piechocki

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

What is the impact of space, geography, and mapping not only on the study of literature, but also on the writing process itself? By bringing cartography and the spatial turn in dialogue with comparative literature this seminar asks: what can be gained when literary texts are read "cartographically," with an emphasis on the tension between narrative and spatial imaginary? How does the question of border, place, and territory articulate itself in literary texts and emerge as one of literature's principal challenges? How does the spatial turn not only reevaluate modes of visualization and strategies of mapping, but also redirect comparative literature? This seminar does not take maps and keywords such as place, space, and location as fixed categories, but as malleable and ever-changing processes to understand, create, and challenge the world. We will discuss maps alongside texts from Antiquity to the 21st century and focus, among others, on questions such as exile, contested territories, the environment, insularity, underwater optics, poetics, style, utopia, (post-)apocalyptic spaces, and heterotopia. Texts and authors include Homer, Plato, the Bible, Ptolemy, Macrobius, Ibn Khurradādhbih, an anonymous 11th-century Egyptian Book of Curiosities, Christopher Columbus, Thomas More, Francis Bacon, Aphra Behn, Kamau Brathwaite, Édouard Glissant, Jamaica Kincaid, Wisława Szymborska, Charles Olson, Mia Couto, and Claire Coleman. Visits to Harvard's Houghton and Pusey (Map) Libraries are an intrinsic part of the course.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 260 Section: 1

Literary Translation: A Workshop (214533)

Thomas Wisniewski

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

A graduate workshop in literary translation. Students' work-in-progress on a semester-long translation project will be presented, discussed, and critiqued each week with the aim of publication. Readings on strategies and methodologies will complement participants' work in the seminar's shared enterprise of exploring the pleasures and risks that the translation of literature entails. Working as scholars and practitioners, we will challenge the division between theory and practice in the field of translation studies today. Guest translator-scholars will visit the workshop. *Requirements*: All source languages are welcome; translations into English. Enrollment limited to twelve (graduate and advanced undergraduates); course application due the first week of the term.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 274

Politics of Aesthetics: New Materialisms and Environmental Humanities (128209)

Verena Conley

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Examines and compares the relation between politics and aesthetics from the point of view of new materialisms and environmental humanities in major critical works by Deleuze, Guattari, Latour, Stengers, Manning, Massumi, Bennett, Hansen, Parikka, Haraway, Barad, Tsing and others. Focuses on texts of the last two decades that link a politics of aesthetics to a reassessment of the relation between subject and object, event, immanence, matter, affect, sensation and the construction of world(s), fictional and filmic works. Critical texts will be paired with fiction and film.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Comparative Literature 277

Literature, Diaspora, and Global Trauma (117360)

Karen Thornber

2020 Spring (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course examines a diverse range of creative and critical discourses on trauma and the global African; East, South, Southeast, and West Asian (Chinese, Indian, Iranian, Japanese, Korean, Vietnamese); and Middle Eastern (Jewish, Palestinian, Lebanese); as well as Latin American diasporas. We focus on the

connections among diasporas, displacement, migration, and trauma, and on the relationships of these phenomena and constructions and understandings of artistic and cultural identities, ethnicity/race, gender/sexuality, inequality, disease/illness/health/disability, religion, postcolonialism, transculturation (including translation), multilingualism, globalization and global history, world literature, and global literatures.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Spanish
FAS Course Roll	FAS Course Roll

Comparative Literature 288

The Ancients and the Moderns: Modern Critical Theory and the Classics (124022)

Panagiotis Roilos

2020 Spring (4 Credits) **Schedule:** W 0600 PM - 0800 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The seminar explores the impact of classical literature and culture on the formation of modern critical theory. Topics include: construction of power; trafficability of art; ritual theory; sexuality; gender studies; irony; orality and literacy.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

Comparative Literature 296

Mobility and Materiality: Case Studies in Networks of Collecting and Displacement (205046)

Diana Sorensen

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This course is built around the conjoined paradigms of circulation and thing theory. Students will select a case study to work on early in the semester, and together we will probe the ways in which material culture intersects with processes of cultural exchange. The case studies might involve the transplantation of objects as well as subjects across borders, calling into question established conceptions of national and regional boundaries.

Class Notes: **This course meets 3pm-5pm.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 299AR

Comparative Literature in Theory and Practice (111650)

David Damrosch

2019 Fall (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An introduction to the discipline of comparative literature, with a look at major trends in the history and, particularly, current theory and practice of the discipline as practiced in the USA. Several guests will join us to discuss their ongoing work in their specific fields of expertise.

Course Notes: **Required of first-year graduate students in Comparative Literature; open to all graduate students interested in the study of literature in transnational and interdisciplinary perspectives.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Comparative Literature 343AA

Professing Literature 1 (110069)

Verena Conley

2019 Fall (2 Credits) **Schedule:** T 0600 PM - 0845 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course focuses on professional development and preparation for academic careers in literature and related fields as well as positions outside academe. Part one of a two-part series. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **It is open to all Harvard graduate students and is required of first-year Ph.D. students in Comparative Literature.**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Indivisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Comparative Literature 343AB

Professing Literature 1 (160536)

Verena Conley

2020 Spring (2 Credits) **Schedule:** T 0600 PM - 0800 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course focuses on professional development and preparation for academic careers in literature and related fields as well as positions outside academe. Part two of a two-part series. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **It is open to all Harvard graduate students and is required of first-year Ph.D. students in Comparative Literature**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
Full Year Course	Indivisible Course
Course Search Attributes	Display Only in Course Search

Comparative Literature 343BA

Professing Literature 2 (160582)

Verena Conley

2019 Fall (2 Credits) **Schedule:** T 0600 PM - 0845 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course focuses on professional development and preparation for academic careers in literature and related fields as well as positions outside academe. It is open to all Harvard graduate students and is required of second-year Ph.D. students in Comparative Literature. Part one of a two-part series. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **It is open to all Harvard graduate students and is required of second-year Ph.D. students in Comparative Literature.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
Full Year Course	Indivisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Comparative Literature 343BB

Professing Literature 2 (160583)

Verena Conley

2020 Spring (2 Credits) **Schedule:** T 0600 PM - 0800 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course focuses on professional development and preparation for academic careers in literature and related fields as well as positions outside academe. Part two of a two-part series. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **It is open to all Harvard graduate students and is required of second-year Ph.D. students in Comparative Literature.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
Full Year Course	Indivisible Course
Course Search Attributes	Display Only in Course Search

Comparative Literature 343CA

Professing Literature 3 (160670)

Verena Conley

2019 Fall (2 Credits) **Schedule:** T 0600 PM - 0845 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course focuses on professional development and preparation for academic careers in literature and related fields as well as positions outside academe. Part one of a two-part series. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Open to all Harvard graduate students interested in literature and required of all third-year students in the Comparative Literature PhD program.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Indivisible Course
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Comparative Literature 343CB

Professing Literature 3 (160671)

Verena Conley

2020 Spring (2 Credits) **Schedule:** T 0600 PM - 0800 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course focuses on professional development and preparation for academic careers in literature and related fields as well as positions outside academe. Part two of a two-part series. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Open to all Harvard graduate students interested in literature and required of all third-year students in the Comparative Literature PhD program.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
Full Year Course	Indivisible Course
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Comparative Literature 396

Preparation for General Examinations (114019)

Verena Conley

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
No FAINFO	300 or 3000 level class, do not generate FAINFO

Comparative Literature 396

Preparation for General Examinations (114019)

Verena Conley

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Comparative Literature 396 Section: 002

Preparation for General Examinations (114019)

David Damrosch

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Comparative Literature 396 Section: 002

Preparation for General Examinations (114019)

David Damrosch

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Comparative Literature 396 Section: 003

Preparation for General Examinations (114019)

David Elmer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Comparative Literature 396 Section: 003

Preparation for General Examinations (114019)

David Elmer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 396 Section: 004

Preparation for General Examinations (114019)

James Engell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Comparative Literature 396 Section: 004

Preparation for General Examinations (114019)

James Engell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Comparative Literature 396 Section: 005

Preparation for General Examinations (114019)

Luis Giron Negron

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Comparative Literature 396 Section: 005

Preparation for General Examinations (114019)

Luis Giron Negron

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Comparative Literature 396 Section: 006

Preparation for General Examinations (114019)

John T. Hamilton

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 396 Section: 006

Preparation for General Examinations (114019)

John T. Hamilton

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Comparative Literature 396 Section: 007

Preparation for General Examinations (114019)

Biodun Jeyifo

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Comparative Literature 396 Section: 007

Preparation for General Examinations (114019)

Biodun Jeyifo

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Comparative Literature 396 Section: 008

Preparation for General Examinations (114019)

Christie Mcdonald

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Comparative Literature 396 Section: 008

Preparation for General Examinations (114019)

Christie Mcdonald

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Comparative Literature 396 Section: 009

Preparation for General Examinations (114019)

Gregory Nagy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Comparative Literature 396 Section: 009

Preparation for General Examinations (114019)

Gregory Nagy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Comparative Literature 396 Section: 010

Preparation for General Examinations (114019)

Martin Puchner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Comparative Literature 396 Section: 010

Preparation for General Examinations (114019)

Martin Puchner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Comparative Literature 396 Section: 011

Preparation for General Examinations (114019)

Panagiotis Roilos

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 396 Section: 011

Preparation for General Examinations (114019)

Panagiotis Roilos

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Comparative Literature 396 Section: 013

Preparation for General Examinations (114019)

Marc Shell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Comparative Literature 396 Section: 013

Preparation for General Examinations (114019)

Marc Shell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Comparative Literature 396 Section: 014

Preparation for General Examinations (114019)

Diana Sorensen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Comparative Literature 396 Section: 014

Preparation for General Examinations (114019)

Diana Sorensen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 396 Section: 015

Preparation for General Examinations (114019)

Karen Thornber

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Comparative Literature 396 Section: 015

Preparation for General Examinations (114019)

Karen Thornber

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Comparative Literature 396 Section: 016

Preparation for General Examinations (114019)

William Todd

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Comparative Literature 396 Section: 016

Preparation for General Examinations (114019)

William Todd

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 396 Section: 017

Preparation for General Examinations (114019)

Saul Zaritt

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Comparative Literature 396 Section: 017

Preparation for General Examinations (114019)

Saul Zaritt

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Comparative Literature 396 Section: 018

Preparation for General Examinations (114019)

Mariano Siskind

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Comparative Literature 396 Section: 018

Preparation for General Examinations (114019)

Mariano Siskind

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Comparative Literature 396 Section: 019

Preparation for General Examinations (114019)

Francoise Lionnet

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Comparative Literature 396 Section: 019

Preparation for General Examinations (114019)

Francoise Lionnet

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Comparative Literature 396 Section: 020

Preparation for General Examinations (114019)

Katharina Piechocki

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Comparative Literature 396 Section: 020

Preparation for General Examinations (114019)

Katharina Piechocki

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Comparative Literature 396 Section: 21

Preparation for General Examinations (114019)

Annette Lienau

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 396 Section: 21

Preparation for General Examinations (114019)

Annette Lienau

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Comparative Literature 396 Section: 22

Preparation for General Examinations (114019)

Justin Weir

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Comparative Literature 396 Section: 22

Preparation for General Examinations (114019)

David Wang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 396 Section: 23

Preparation for General Examinations (114019)

Justin Weir

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Comparative Literature 396 Section: 23

Preparation for General Examinations (114019)

David Wang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Comparative Literature 396 Section: 24

Preparation for General Examinations (114019)

Homi Bhabha

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 396 Section: 24

Preparation for General Examinations (114019)

Homi Bhabha

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Comparative Literature 396 Section: 25

Preparation for General Examinations (114019)

Jeffrey Schnapp

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 396 Section: 25

Preparation for General Examinations (114019)

Jeffrey Schnapp

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 396 Section: 26

Preparation for General Examinations (114019)

William Granara

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Comparative Literature 396 Section: 26

Preparation for General Examinations (114019)

William Granara

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 396 Section: 27

Preparation for General Examinations (114019)

Sandra Naddaff

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Comparative Literature 396 Section: 27

Preparation for General Examinations (114019)

Sandra Naddaff

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Comparative Literature 396 Section: 28

Preparation for General Examinations (114019)

David Stern

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Comparative Literature 396 Section: 28

Preparation for General Examinations (114019)

David Stern

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Comparative Literature 397

Direction of Doctoral Dissertations (112761)

Verena Conley

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
No FAINFO	300 or 3000 level class, do not generate FAINFO

Comparative Literature 397

Direction of Doctoral Dissertations (112761)

Verena Conley

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Comparative Literature 397 Section: 002

Direction of Doctoral Dissertations (112761)

David Damrosch

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Comparative Literature 397 Section: 002

Direction of Doctoral Dissertations (112761)

David Damrosch

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Comparative Literature 397 Section: 003

Direction of Doctoral Dissertations (112761)

David Elmer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 397 Section: 003

Direction of Doctoral Dissertations (112761)

David Elmer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 397 Section: 004

Direction of Doctoral Dissertations (112761)

James Engell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Comparative Literature 397 Section: 004

Direction of Doctoral Dissertations (112761)

James Engell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 397 Section: 005

Direction of Doctoral Dissertations (112761)

Luis Giron Negron

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Comparative Literature 397 Section: 005

Direction of Doctoral Dissertations (112761)

Luis Giron Negron

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Comparative Literature 397 Section: 006

Direction of Doctoral Dissertations (112761)

John T. Hamilton

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Comparative Literature 397 Section: 006

Direction of Doctoral Dissertations (112761)

John T. Hamilton

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Comparative Literature 397 Section: 007

Direction of Doctoral Dissertations (112761)

Biodun Jeyifo

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Comparative Literature 397 Section: 007

Direction of Doctoral Dissertations (112761)

Biodun Jeyifo

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 397 Section: 008

Direction of Doctoral Dissertations (112761)

Christie Mcdonald

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Comparative Literature 397 Section: 008

Direction of Doctoral Dissertations (112761)

Christie Mcdonald

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Comparative Literature 397 Section: 009

Direction of Doctoral Dissertations (112761)

Gregory Nagy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Comparative Literature 397 Section: 009

Direction of Doctoral Dissertations (112761)

Gregory Nagy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 397 Section: 010

Direction of Doctoral Dissertations (112761)

Martin Puchner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 397 Section: 010

Direction of Doctoral Dissertations (112761)

Martin Puchner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Comparative Literature 397 Section: 011

Direction of Doctoral Dissertations (112761)

Panagiotis Roilos

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Comparative Literature 397 Section: 011

Direction of Doctoral Dissertations (112761)

Panagiotis Roilos

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Comparative Literature 397 Section: 012

Direction of Doctoral Dissertations (112761)

David Wang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Comparative Literature 397 Section: 013

Direction of Doctoral Dissertations (112761)

Marc Shell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Comparative Literature 397 Section: 013

Direction of Doctoral Dissertations (112761)

Marc Shell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Comparative Literature 397 Section: 014

Direction of Doctoral Dissertations (112761)

Diana Sorensen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 397 Section: 014

Direction of Doctoral Dissertations (112761)

Diana Sorensen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Comparative Literature 397 Section: 015

Direction of Doctoral Dissertations (112761)

Karen Thornber

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 397 Section: 015

Direction of Doctoral Dissertations (112761)

Karen Thornber

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Comparative Literature 397 Section: 016

Direction of Doctoral Dissertations (112761)

William Todd

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Comparative Literature 397 Section: 016

Direction of Doctoral Dissertations (112761)

William Todd

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Comparative Literature 397 Section: 017

Direction of Doctoral Dissertations (112761)

Saul Zaritt

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 397 Section: 017

Direction of Doctoral Dissertations (112761)

Saul Zaritt

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Comparative Literature 397 Section: 018

Direction of Doctoral Dissertations (112761)

Mariano Siskind

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Comparative Literature 397 Section: 018

Direction of Doctoral Dissertations (112761)

Mariano Siskind

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Comparative Literature 397 Section: 019

Direction of Doctoral Dissertations (112761)

Francoise Lionnet

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Comparative Literature 397 Section: 019

Direction of Doctoral Dissertations (112761)

Francoise Lionnet

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Comparative Literature 397 Section: 020

Direction of Doctoral Dissertations (112761)

Charles Donahue

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 397 Section: 020

Direction of Doctoral Dissertations (112761)

Charles Donahue

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 397 Section: 021

Direction of Doctoral Dissertations (112761)

Katharina Piechocki

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Comparative Literature 397 Section: 021

Direction of Doctoral Dissertations (112761)

Katharina Piechocki

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Comparative Literature 397 Section: 22

Direction of Doctoral Dissertations (112761)

Annette Lienau

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Comparative Literature 397 Section: 22

Direction of Doctoral Dissertations (112761)

Annette Lienau

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 397 Section: 23

Direction of Doctoral Dissertations (112761)

Justin Weir

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Comparative Literature 397 Section: 23

Direction of Doctoral Dissertations (112761)

Justin Weir

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Comparative Literature 397 Section: 24

Direction of Doctoral Dissertations (112761)

Homi Bhabha

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Comparative Literature 397 Section: 24

Direction of Doctoral Dissertations (112761)

Homi Bhabha

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Comparative Literature 397 Section: 25

Direction of Doctoral Dissertations (112761)

Jeffrey Schnapp

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Comparative Literature 397 Section: 25

Direction of Doctoral Dissertations (112761)

Jeffrey Schnapp

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Comparative Literature 397 Section: 26

Direction of Doctoral Dissertations (112761)

William Granara

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Comparative Literature 397 Section: 26

Direction of Doctoral Dissertations (112761)

William Granara

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Comparative Literature 397 Section: 27

Direction of Doctoral Dissertations (112761)

Sandra Naddaff

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Comparative Literature 397 Section: 27

Direction of Doctoral Dissertations (112761)

Sandra Naddaff

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Comparative Literature 397 Section: 28

Direction of Doctoral Dissertations (112761)

David Stern

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Comparative Literature 397 Section: 28

Direction of Doctoral Dissertations (112761)

David Stern

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Comparative Literature 397 Section: 29

Direction of Doctoral Dissertations (112761)

David Wang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Comparative Literature 399

Reading and Research (112031)

Verena Conley

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Comparative Literature 399

Reading and Research (112031)

Verena Conley

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Comparative Literature 399 Section: 002

Reading and Research (112031)

David Damrosch

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the

individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Comparative Literature 399 Section: 002

Reading and Research (112031)

David Damrosch

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Comparative Literature 399 Section: 003

Reading and Research (112031)

David Elmer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Comparative Literature 399 Section: 003

Reading and Research (112031)

David Elmer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 399 Section: 004

Reading and Research (112031)

James Engell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Comparative Literature 399 Section: 004

Reading and Research (112031)

James Engell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Comparative Literature 399 Section: 005

Reading and Research (112031)

Luis Giron Negron

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 399 Section: 005

Reading and Research (112031)

Luis Giron Negron

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Graduate Course

Comparative Literature 399 Section: 006

Reading and Research (112031)

John T. Hamilton

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Comparative Literature 399 Section: 006

Reading and Research (112031)

John T. Hamilton

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Comparative Literature 399 Section: 007

Reading and Research (112031)

Biodun Jeyifo

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Comparative Literature 399 Section: 007

Reading and Research (112031)

Biodun Jeyifo

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Comparative Literature 399 Section: 008

Reading and Research (112031)

Christie Mcdonald

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

FAS Course Roll	FAS Course Roll

Comparative Literature 399 Section: 008

Reading and Research (112031)

Christie Mcdonald

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 399 Section: 009

Reading and Research (112031)

Gregory Nagy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Comparative Literature 399 Section: 009

Reading and Research (112031)

Gregory Nagy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 399 Section: 010

Reading and Research (112031)

Martin Puchner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Comparative Literature 399 Section: 010

Reading and Research (112031)

Martin Puchner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

FAS: Course Level	Graduate Course

Comparative Literature 399 Section: 011

Reading and Research (112031)

Panagiotis Roilos

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Comparative Literature 399 Section: 011

Reading and Research (112031)

Panagiotis Roilos

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Comparative Literature 399 Section: 013

Reading and Research (112031)

Marc Shell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Comparative Literature 399 Section: 013

Reading and Research (112031)

Marc Shell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Comparative Literature 399 Section: 014

Reading and Research (112031)

Diana Sorensen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

FAS: Course Level	Graduate Course

Comparative Literature 399 Section: 014

Reading and Research (112031)

Diana Sorensen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Comparative Literature 399 Section: 015

Reading and Research (112031)

Karen Thornber

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Comparative Literature 399 Section: 015

Reading and Research (112031)

Karen Thornber

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Comparative Literature 399 Section: 016

Reading and Research (112031)

William Todd

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Comparative Literature 399 Section: 016

Reading and Research (112031)

William Todd

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 399 Section: 017

Reading and Research (112031)

Saul Zaritt

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Comparative Literature 399 Section: 017

Reading and Research (112031)

Saul Zaritt

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Comparative Literature 399 Section: 018

Reading and Research (112031)

Mariano Siskind

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Comparative Literature 399 Section: 018

Reading and Research (112031)

Mariano Siskind

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 399 Section: 019

Reading and Research (112031)

Francoise Lionnet

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

FAS Course Roll	FAS Course Roll

Comparative Literature 399 Section: 019

Reading and Research (112031)

Francoise Lionnet

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Comparative Literature 399 Section: 020

Reading and Research (112031)

Katharina Piechocki

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Comparative Literature 399 Section: 020

Reading and Research (112031)

Katharina Piechocki

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Comparative Literature 399 Section: 21

Reading and Research (112031)

Annette Lienau

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Comparative Literature 399 Section: 21

Reading and Research (112031)

Annette Lienau

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	None

Comparative Literature 399 Section: 22

Reading and Research (112031)

Justin Weir

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Comparative Literature 399 Section: 22

Reading and Research (112031)

Justin Weir

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 399 Section: 23

Reading and Research (112031)

Homi Bhabha

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 399 Section: 23

Reading and Research (112031)

Homi Bhabha

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Comparative Literature 399 Section: 24

Reading and Research (112031)

Jeffrey Schnapp

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

FAS Course Roll	FAS Course Roll

Comparative Literature 399 Section: 24

Reading and Research (112031)

Jeffrey Schnapp

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Comparative Literature 399 Section: 25

Reading and Research (112031)

William Granara

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Comparative Literature 399 Section: 25

Reading and Research (112031)

William Granara

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Comparative Literature 399 Section: 26

Reading and Research (112031)

Sandra Naddaff

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Comparative Literature 399 Section: 26

Reading and Research (112031)

Sandra Naddaff

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

FAS Course Roll	FAS Course Roll

Comparative Literature 399 Section: 27

Reading and Research (112031)

David Stern

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Comparative Literature 399 Section: 27

Reading and Research (112031)

David Stern

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Comparative Literature 399 Section: 28

Reading and Research (112031)

David Wang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Comparative Literature 399 Section: 28

Reading and Research (112031)

David Wang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the doctoral degree in Comparative Literature may pursue advanced studies under the individual supervision of these instructors.

Course Notes: **Permission of the instructor and the Chairman of the Department required.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Computer Science

Subject: Computer Science

Computer Science 1

Great Ideas in Computer Science (119953)

Henry Leitner

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to the most important discoveries and intellectual paradigms in computer science, designed for students with little or no previous background. Explores problem-solving using high and low-level programming languages; presents an integrated view of computer systems, from switching circuits up through compilers and GUI design. Examines theoretical and practical limitations related to unsolvable and intractable computational problems, and the social and ethical dilemmas presented by such issues as software unreliability and invasions of privacy.

Course Notes: **May not be taken for credit after completing Computer Science 50.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Computer Science 10

Elements of Data Science (212950)

Hanspeter Pfister

Joseph Blitzstein

Xiao-Li Meng

Liberty Vittert

2020 Spring (4 Credits) **Schedule:** MWF 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 100

Data science combines data, statistical analysis, and computation to gain insights and make useful inferences and predictions. This course will take a holistic approach to helping students understand the key factors involved, from data collection and exploratory data analysis to modeling, evaluation, and communication of results. Working on case studies and a final project in teams will provide students with hands-on experience with the data science process using state-of-the-art tools. Emphasis will be given to the strengths, trade-offs, and limitations of each method to highlight the importance of merging analytical skills with critical quantitative thinking.

Course Notes: **Also offered as STAT 10. Students may not take both for credit.**

Please note that the enrollment cap of 100 is a combined total for both STAT 10 and COMPSCI 10.

Class Notes: **If you are interested in joining this course please fill out this form [https://forms.gle/CWG6j4qsiFb6gDRt5] by Wednesday, January 29, 11: 59 pm EST. We will notify you on Friday, January 31.**

Requirements: **Anti-requisite: Cannot be taken for credit if AC 209A or CS 109A or STAT10 or STAT 121A is already complete.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
Quantitative Reasoning with Data	Yes
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Computer Science 20

Discrete Mathematics for Computer Science (128073)

Rebecca Nesson

2020 Spring (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Widely applicable mathematical tools for computer science, including topics from logic, set theory, combinatorics, number theory, probability theory, and graph theory. Practice in reasoning formally and proving theorems.

Course Notes: **Covers material used in Computer Science 121 and Computer Science 124. Ordinarily, not to be taken after those courses or after courses such as Applied Mathematics 106, Applied Mathematics 107, Mathematics 101, and Mathematics 153.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS: Final Assessment Category	Three-hour Exam

Computer Science 50

Introduction to Computer Science (152514)

David Malan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to the intellectual enterprises of computer science and the art of programming. This course teaches students how to think algorithmically and solve problems efficiently. Topics include abstraction, algorithms, data structures, encapsulation, resource management, security, and software engineering. Languages include C, Python, and SQL plus students' choice of: HTML, CSS, and JavaScript (for web development); Java or Swift (for mobile app development); or Lua (for game development). Problem sets inspired by the arts, humanities, social sciences, and sciences. Course culminates in a final project.

Designed for concentrators and non-concentrators alike, with or without prior programming experience. Two thirds of CS50 students have never taken CS before. Among the overarching goals of this course are to inspire students to explore unfamiliar waters, without fear of failure, create an intensive, shared experience, accessible to all students, and build community among students.

Class Notes: **This course ordinarily meets for lectures in Sanders Theatre on Mondays, 3pm–5pm, but the course's first lecture will be in Sanders Theatre on Wednesday, 9/4/19, 3pm–5pm, during shopping period. Students are expected to attend the course's first eight lectures in person unless simultaneously enrolled in (or, during shopping period, shopping) another course that meets at the same or overlapping time, in which case they may watch CS50's lectures online and attend the other course in person. (The Ad Board has already granted this exception for CS50; no other steps are required.) Students with other academic or athletic conflicts should email the course's heads. After the course's eighth lecture, all students will watch their choice of lectures (on web development, mobile app development, or game development) online. CS50 is ordinarily graded SAT/UNS, though students whose concentration requires letter grades should change their grading status to letter-graded by the term's fifth Monday. Students may take CS50 SAT/UNS to fulfill the Science and Engineering and Applied Science distribution requirement or the Quantitative Reasoning with Data requirement, but not both. First years may take both CS50 and a freshman seminar SAT/UNS. Graduate students are welcome to cross-register for CS50. All students are expected to attend an orientation meeting during the second week of term; students with conflicts may watch online. Required sections to be arranged. See cs50.harvard.edu for FAQs, syllabus, and what's new for Fall 2019.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
Quantitative Reasoning with Data	Yes
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Computer Science 50

Introduction to Computer Science (152514)

David Malan

Brian Yu

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Introduction to the intellectual enterprises of computer science and the art of programming. This course teaches students how to think algorithmically and solve problems efficiently. Topics include abstraction, algorithms, data structures, encapsulation, resource management, security, and software engineering. Languages include C, Python, and SQL plus HTML, CSS, and JavaScript. Problem sets inspired by the arts, humanities, social sciences, and sciences. Course culminates in a final project.

Class Notes: **This spring version of CS50 is for undergraduate concentrators who**

were unable to take the course in Fall 2019. All students, including concentrators and non-concentrators, are encouraged to take CS50 in fall term instead. See cs50.harvard.edu/spring for differences between fall term and spring term. Students must register via my.harvard for and attend weekly class meetings on Tuesdays, 3pm–5:45pm. Instructor-led tutorials to be arranged.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Computer Science 51

Abstraction and Design in Computation (112960)

Stuart Shieber

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Fundamental concepts in the design of computer programs, emphasizing the crucial role of abstraction. The goal of the course is to give students insight into the difference between programming and programming well. To emphasize the differing approaches to expressing programming solutions, you will learn to program in a variety of paradigms -- including functional, imperative, and object-oriented. Important ideas from software engineering and models of computation will inform these different views of programming.

Course Notes: **Formerly Introduction to Computer Science II.**

Class Notes: **Students interested in enrolling in CS51 for spring 2020 should make sure to attend the two introductory lectures on January 28 and 30 at 10:30am in Science Center B.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Computer Science 61

Systems Programming and Machine Organization (123623)

Eddie Kohler

Michael Smith

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Fundamentals of computer systems programming, machine organization, and performance tuning. This course provides a solid background in systems programming and a deep understanding of low-level machine organization and design. Topics include C and assembly language programming, program

optimization, memory hierarchy and caching, virtual memory and dynamic memory management, concurrency, threads, and synchronization.

Recommended Prep: **CS50 or some experience programming in C.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Computer Science 91R

Supervised Reading and Research (113257)

Stephen Chong

Boaz Barak

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised individual study of advanced topics in computer science. A student wishing to enroll in Computer Science 91r must be accepted by a faculty member who will supervise the course work. Additional information and a form are available via https://harvardcs.info/forms/#cs-91r-form. The form must be filled out and signed by the student and faculty supervisor. Students writing theses may enroll in this course while conducting thesis research and writing.

Course Notes: **At most two terms of Computer Science 91r may be taken for academic credit. May not be taken Pass/Fail. Students wishing more information about the range of suitable projects or faculty supervisors should consult the Director of Undergraduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Computer Science 91R

Supervised Reading and Research (113257)

Stephen Chong

Boaz Barak

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised individual study of advanced topics in computer science. A student wishing to enroll in Computer Science 91r must be accepted by a faculty member who will supervise the course work. Additional information and a form are available via https://harvardcs.info/forms/#cs-91r-form. The form must be filled out and signed by the student and faculty supervisor. Students writing theses may enroll in

this course while conducting thesis research and writing.

Course Notes: **At most two terms of Computer Science 91r may be taken for academic credit. May not be taken Pass/Fail. Students wishing more information about the range of suitable projects or faculty supervisors should consult the Director of Undergraduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Computer Science 100

CS+X: Software Engineering in the Arts and Humanities (207609)

Douglas Lloyd

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Introduction to applications of computer science (including web technologies, visualization, and database design) to domains in the arts and humanities. Emphasis on principles of software engineering and best practices, including code reviews, source control, and testing. Languages include JavaScript and SQL. Students work in teams to design and implement solutions to problems proposed by faculty from departments across campus. Offered jointly with Yale University.

Class Notes: **Enrollment limited. Apply at cs.harvard.edu/100.**

Recommended Prep: **CS50 or equivalent required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Computer Science 105

Privacy and Technology (125407)

James Waldo

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 36

What is privacy, and how is it affected by recent developments in technology? This course critically examines popular concepts of privacy and uses a rigorous analysis of technologies to understand the policy and ethical issues at play. Case studies: database anonymity, research ethics, wiretapping, surveillance, and others. Course relies on some technical material, but is open and accessible to all students, especially those with interest in economics, engineering, political science, computer science, sociology, biology, law, government, philosophy.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Computer Science 108

Intelligent Systems: Design and Ethical Challenges (160419)

Milind Tambe

David Grant

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

This course explores the use of artificial intelligence to tackle difficult social problems, and considers how to address ethical challenges that arise through appropriate design techniques. Drawing on work by computer scientists, philosophers, and social scientists, we will analyze several real-world case studies featuring the application of AI methods to problems in public health, conservation and public safety, including HIV prevention, tuberculosis prevention, predictive policing, and wildlife conservation. The course will also feature guest lectures from experts in social work, anthropology, criminology, and public health.

Course Notes: **The course presumes basic programming ability, but welcomes concentrators in the humanities and social sciences as well as science and engineering.**

Recommended Prep: **CS 50**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Computer Science 109A

Data Science 1: Introduction to Data Science (109899)

Pavlos Protopapas

Kevin A. Rader

Christopher Tanner

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Data Science 1 is the first half of a one-year introduction to data science. The course will focus on the analysis of messy, real life data to perform predictions using statistical and machine learning methods. Material covered will integrate the five key facets of an investigation using data: (1) data collection - data wrangling, cleaning, and sampling to get a suitable data set; (2) data management - accessing data quickly and reliably; (3) exploratory data analysis – generating hypotheses and building intuition; (4) prediction or statistical learning; and (5) communication – summarizing results through visualization, stories, and

interpretable summaries. Part one of a two part series. The curriculum for this course builds throughout the academic year. Students are strongly encouraged to enroll in both the fall and spring course within the same academic year.

Course Notes: **Only one of CS 109a, AC 209a, or Stat 121a can be taken for credit. Students who have previously taken CS 109, AC 209, or Stat 121 cannot take CS 109a, AC 209a, or Stat 121a for credit.**

Recommended Prep: **Programming knowledge at the level of CS 50 or above, and statistics knowledge at the level of Stat 100 or above (Stat 110 recommended).**

Requirements: **Not to be taken in addition to Applied Computation 209, or Applied Computation 209A, or Statistics 121, or Statistics 121A.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
Full Year Course	Divisible Course
Quantitative Reasoning with Data	Yes
FAS Divisional Distribution	Science & Engineering & Applied Science

Computer Science 109B

Data Science 2: Advanced Topics in Data Science (203546)

Pavlos Protopapas

Mark Glickman

Christopher Tanner

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Data Science 2 is the second half of a one-year introduction to data science. Building upon the material in Data Science 1, the course introduces advanced methods for data wrangling, data visualization, and statistical modeling and prediction. Topics include big data and database management, interactive visualizations, nonlinear statistical models, and deep learning. Part two of a two part series. The curriculum for this course builds throughout the academic year. Students are strongly encouraged to enroll in both the fall and spring course within the same academic year.

Course Notes: **Can only be taken after successful completion of CS 109a, AC 209a, Stat 121a, or equivalent. Students who have previously taken CS 109, AC 209, or Stat 121 cannot take CS 109b, AC 209b, or Stat 121b for credit.**

Recommended Prep: **CS 109a, AC 209a, or Stat 121a required.**

Requirements: **Requisite: (Must take CS 109A OR APCOMP 209A OR STAT 121A before taking CS 109B) AND (Not to be taken in addition to CS 109, OR APCOMP 209, OR APCOMP 209B, OR STAT 121, OR STAT 121B.)**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
Quantitative Reasoning with Data	Yes

FAS: Course Level	For Undergraduate and Graduate Students
Full Year Course	Divisible Course

Computer Science 121

Introduction to Theoretical Computer Science (119064)

Boaz Barak

Madhu Sudan

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Computation occurs over a variety of substrates including silicon, neurons, DNA, the stock market, bee colonies and many others. In this course we will study the fundamental capabilities and limitations of computation, including the phenomenon of universality and the duality of code and data. Some of the questions we will touch upon include: Are there functions that cannot be computed? Are there true mathematical statements that can't be proven? Are there encryption schemes that can't be broken? Is randomness ever useful for computing? Can we use the quirks of quantum mechanics to speed up computation?

Course Notes: **Students may not receive credit for both CS 121 and CS 125.**

Class Notes: **Midterms will be on Thursday, October 10, 7pm and Thursday, November 14, 7pm.**

Recommended Prep: **Experience in formal mathematics at the level of CS 20. A "Homework Zero" will be posted on the course website cs121.boazbarak.org by July 1st. It is highly recommended that students complete it before the first lecture.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students

Computer Science 124

Data Structures and Algorithms (115384)

Michael Mitzenmacher

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Design and analysis of efficient algorithms and data structures. Algorithm design methods, graph algorithms, approximation algorithms, and randomized algorithms are covered.

Course Notes: **Starting in the spring of 2013, Computer Science 124 will assume background from Computer Science 20. Students will not receive credit for both CS 124 and CS 125.**

Recommended Prep: **Computer Science 50 or equivalent; Computer Science 51 is helpful.**

Additional Course Attributes:

Attribute	Value(s)
Quantitative Reasoning with Data	Yes
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students

Computer Science 126

Fairness and Privacy: Perspectives of Law and Probability (204972)

Cynthia Dwork

Martha Minow

2019 Fall (4 Credits)

Schedule: W 0900 AM - 1015 AM
M 0900 AM - 1010 AM

Instructor Permissions: Instructor

Enrollment Cap: 24

Students will learn to analyze and mitigate privacy loss, unfairness, and lack of statistical validity, in data analysis. Principal techniques will come from cryptography, differential privacy, and the newly emerging areas of adaptive data analysis and fairness in machine learning.

Course Notes: **Course enrollment limited. Offered jointly by HLS and SEAS, with interwoven tracks emphasizing, respectively, law and computer science, the tracks will meet jointly and separately. Admission is by permission of instructors; applicants should submit letters of inquiry with CVs to Rachel Keeler, rkeeler@law.harvard.edu, by August 25, 2019.**

Class Notes: **Please note that we are still reviewing applications for the CS portion of this course, and final acceptance decisions may come later in shopping week. CS Applicants should submit letters of inquiry with CVs to Allison Choat, achoat@g.harvard.edu, by midnight, Wednesday, September 4. All applicants should plan to attend an opening lecture dinner for the class at 7:00 PM, Tuesday, Sept. 3rd, on HLS campus (room TBD). To attend the dinner, e-mail Allison Choat at achoat@g.harvard.edu prior to Thursday, August 29, at 3:30 PM. Whether or not you can attend the dinner, if you have not been informed of your application status, please plan to attend the first formal CS-specific class on Wednesday, September 4th, 9:00-10:15 AM, in Maxwell-Dworkin 221.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Computer Science 127

Cryptography (109566)

Boaz Barak

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Cryptography is as old as human communication itself, but has undergone a revolution in the last few decades. It is now about much more than "secret writing" and includes seemingly paradoxical notions such as communicating securely without a shared secret, and computing on encrypted data. In this challenging but rewarding course we will start from the basics of private and public key cryptography and go all the way up to advanced notions such as fully homomorphic encryption and software obfuscation. This is a proof-based course that will be best appreciated by mathematically mature students.

Course Notes: **This course will be offered in both an undergraduate and graduate versions. The graduate version will involve an additional project.**

Recommended Prep: **Comfort with mathematical proofs at the level of CS121, CS124 or similar. Please contact the instructor if you're unsure if your background is sufficient.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration

Computer Science 136

Economics and Computation (128164)

David Parkes

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

The interplay between economic thinking and computational thinking as it relates to electronic commerce, social networks, collective intelligence and networked systems. Topics covered include: game theory, peer production, reputation and recommender systems, prediction markets, crowd sourcing, network influence and dynamics, auctions and mechanisms, privacy and security, matching and allocation problems, computational social choice and behavioral game theory. Emphasis will be given to core methodologies, with students engaged in theoretical, computational and empirical exercises.

Course Notes: **Formerly Computer Science 186**

Recommended Prep: **Applied Math 21b, Computer Science 51 or equivalent, Statistics 110, and one of Computer Science 181, Computer Science 182, Economics 1011a, Economics 1052, or Economics 1056.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Computer Science 141

Computing Hardware (113856)

Vijay Janapa Reddi

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course introduces fundamentals in designing and building modern information devices and systems that interface with the real world. It focuses on *digital* devices and systems, and it complements ENG-SCI 152, which focuses on devices and systems that use analog electronics. Topics include: combinational and sequential logic; computer architecture; machine code; and altogether the infrastructure and computational framework composing a MIPS processor. Consideration is given in design to interactions between hardware and software systems. Students will design application specific hardware for an embedded system.

Recommended Prep: **CS50 or programming experience required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Computer Science 143

Computer Networks (118418)

H. Kung

2019 Fall (4 Credits) **Schedule:** MW 0430 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Computer networking has enabled the emergence of mobile and cloud computing, creating two of the most important technological breakthroughs in computing of the past decade. We expect three major focuses in the next ten years. First, we will witness the emergence of 5G wireless mobile networks, which will begin to replace the current 4G networks as early as 2020, enabling new applications and paradigm shifts in edge computing, such as uploading sensor data for AI applications everywhere. Second, cyber security, and in particular its relation to networking and supply chain security for 5G network infrastructure, will receive unprecedented attention from industry. Third, blockchain technology, which has powered Bitcoin, is creating a new trusted network infrastructure that will allow information to be distributed but not copied. While these areas are each rich in intellectual content on their own, they will also interplay with one other, creating interesting opportunities for those versed in all three. In order to play a role in this era of network-based computing, students must have a thorough understanding of these networking technologies and applications. Beyond teaching the basic networking protocols, which have become very mature and can be treated as a black box, in CS 143, we will teach new networking issues and topics of significance. This focus on upcoming wireless, cyber security as it relates to networks, network infrastructure, and the broader supply chain, and blockchain advancements is the motivation for CS 143 this semester. Students in the course will read and discuss basic material as well as the latest literature, work on homework assignments, gain hands-on experience through network programming, and have the opportunity to present the concepts and insights learned through a final project.

Recommended Prep: **CS50 (or programming experience) and a strong interest in the subject matter. Lab sessions will be provided to give extra support.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Computer Science 145

Networking at Scale (208314)

Minlan Yu

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Clouds have become critical infrastructures for many applications in business and society (e.g., social media, public health, and entertainment). In this course, we will take a look inside the cloud infrastructure and learn critical technology trends and challenges in the networking and computing layers. We will discuss the design choices of performance, scalability, manageability, and cost in various cloud companies such as Amazon, Google, Microsoft, and Facebook. This course includes lectures and system programming projects.
More information can be found at https://github.com/minlanyu/cs145spring20.

Recommended Prep: **System programming at the level of CS 61 or CS 143**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Computer Science 146

Computer Architecture (113270)

David Brooks

2019 Fall (4 Credits) **Schedule:** F 0900 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Review of the fundamental structures in modern processor design. Topics include computer organization, memory system design, pipelining, and other techniques to exploit parallelism. Emphasis on a quantitative evaluation of design alternatives and an understanding of timing issues.

Recommended Prep: **Computer Science 61**

Requirements: **Prerequisite: Computer Science 141**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Computer Science 148

Design of VLSI Circuits and Systems (110990)

Gu-Yeon Wei

2020 Spring (4 Credits) **Schedule:** WF 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

Presentation of concepts and techniques for the design and fabrication of VLSI systems and digital MOS integrated circuits. Topics include: basic semiconductor theory; MOS transistors and digital MOS circuits design; synchronous machines, clocking, and timing issues; high-level description and modeling of VLSI systems; synthesis and place and route design flows; and testing of VLSI circuits and systems. Various CAD tools for design, simulation, and verification are extensively used.

Course Notes: **Offered in alternate years.**

Recommended Prep: **Computer Science 141 or permission of instructor.**

Requirements: **Prerequisite: Computer Science 141**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Computer Science 152

Programming Languages (119629)

Nada Amin

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Comprehensive introduction to the principal features and overall design of both traditional and modern programming languages, including syntax, formal semantics, abstraction mechanisms, modularity, type systems, naming, polymorphism, closures, continuations, and concurrency. Provides the intellectual tools needed to design, evaluate, choose, and use programming languages.

Recommended Prep: **Computer Science 51; Computer Science 121 is recommended. Students must have good programming skills, be very comfortable with recursion, proofs, basic mathematical ideas and notations, including sets, relations, functions, and induction.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam

Computer Science 153

Compilers (131493)

Stephen Chong

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Implementation of efficient interpreters and compilers for programming languages. Associated algorithms and pragmatic issues. Emphasizes practical applications including those outside of programming languages proper. Also shows relationships to programming-language theory and design. Participants build a working compiler including lexical analysis, parsing, type checking, code generation, and register allocation. Exposure to run-time issues and optimization.

Recommended Prep: **Computer Science 51 or 61.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Computer Science 161

Operating Systems (113847)

James Mickens

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course focuses on the design and implementation of modern operating systems. The course discusses threads, processes, virtual memory, schedulers, and the other fundamental primitives that an OS uses to represent active computations. An exploration of the system call interface explains how applications interact with hardware and other programs which are concurrently executing. Case studies of popular file systems reveal how an OS makes IO efficient and robust in the midst of crashes and unexpected reboots. Students also learn how virtualization allows a physical machine to partition its resources across multiple virtual machines. Class topics are reinforced through a series of intensive programming assignments which use a real operating system.

Recommended Prep: **Computer Science 61.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Computer Science 165

Data Systems (119249)

Stratos Idreos

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

We are in the big data era and data systems sit in the critical path of everything we do. We are going through major transformations in businesses, sciences, as well as everyday life - collecting and analyzing data changes everything and data systems provide the means to store and analyze a massive amount of data. This course is a comprehensive introduction to modern data systems. The primary focus of the course is on the modern trends that are shaping the data management industry right now: column-store and hybrid systems, shared nothing architectures, cache conscious algorithms, hardware/software co-design, main-memory systems, adaptive indexing, stream processing, scientific data management, and key-value stores. We also study the history of data systems, traditional and seminal concepts and ideas such as the relational model, row-store database systems, optimization, indexing, concurrency control, recovery and SQL. In this way, we discuss both how and why data systems evolved over the years, as well as how these concepts apply today and how data systems might evolve in the future. We focus on understanding concepts and trends rather than specific techniques that will soon be outdated - as such the class relies largely on recent research material and on a semi-flipped class model with a lot of hands-on interaction in each class.

Recommended Prep: **Computer Science 51 and Computer Science 61.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Computer Science 171

Visualization (124364)

Hanspeter Pfister

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 80

An introduction to key design principles and techniques for visualizing data. Covers design practices, data and image models, visual perception, interaction principles, visualization tools, and applications. Introduces programming of web-based interactive visualizations.

Course Notes: **Enrollment limited to 80 students.**

Recommended Prep: **Students are required to have basic programming experience (e.g., Computer Science 50). Web programming experience (HTML, CSS, JS) is a plus.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Computer Science 175

Computer Graphics (113410)

Steven Gortler

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course covers the fundamentals of 3D computer graphics using a modern shader-based version of OpenGL. Main topics include: geometric coordinate systems and transformations, keyframe animation and interpolation, camera simulation, triangle rasterization, material simulation, texture mapping, image sampling and color theory. The course also touches on ray tracing, geometric modeling and simulation-based animation.

Recommended Prep: **Computer Science 51 or 61, Applied Mathematics 22a or Mathematics 21b.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Computer Science 179

Design of Useful and Usable Interactive Systems (123971)

Elena Glassman

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 71

The course covers skills and techniques necessary to design innovative interactive products that are useful, usable and that address important needs of people other than yourself. You will learn how to uncover needs that your customers cannot even articulate. You will also learn a range of design principles, effective creativity-related practices, and techniques for rapidly creating and evaluating product prototypes. You will also have several opportunities to formally communicate your design ideas to a variety of audiences. You will complete two large team-based design projects.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students
GSD: MDS/MDE Rec. Elec.	MDE recommended elective

Computer Science 181

Machine Learning (148156)

Finale Doshi-Velez

2020 Spring (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to machine learning, providing a probabilistic view on artificial intelligence and reasoning under uncertainty. Topics include: supervised learning, ensemble methods and boosting, neural networks, support vector machines, kernel methods, clustering and unsupervised learning, maximum likelihood, graphical models, hidden Markov models, inference methods, and computational learning theory. Students should feel comfortable with multivariate calculus, linear algebra, probability theory, and complexity theory.

Students will be required to produce non-trivial programs in Python.

Recommended Prep: **Computer Science 51, Statistics 110, Math 21a and 21b (or equivalent).**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
Quantitative Reasoning with Data	Yes
GSD: MDS/MDE Rec. Elec.	MDE recommended elective
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Computer Science 183

Foundations of Machine Learning (215691)

Yaron Singer

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The course provides an extensive account of the fundamental ideas underlying machine learning and the basic algorithms used in practice. The course first formalizes basic concepts used to establish the theory and language of machine learning. These concepts include PAC learnability, sample complexity, and the VC dimension. The course then covers the concepts of convexity, regularization, and stability as well as important algorithmic paradigms including stochastic gradient descent, boosting, support vector machines, kernel methods, feature selection, and neural networks.

Course Notes: **Students cannot take both CS 181 and CS 183 for credit.**

Recommended Prep: **Math23a, 25a, or 55a; OR Math 21b and either CS121 or CS124.**

Requirements: **Cannot be taken for credit if COMPSCI 181 already complete.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Computer Science 189

Autonomous Robot Systems (127551)

Radhika Nagpal

2020 Spring (4 Credits) **Schedule:** F 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Building autonomous robotic systems requires understanding how to make robots that observe, reason, and act. Each component uses many engineering principles: how to fuse, multiple, noisy sensors; how to balance short-term versus long-term goals; how to control one's actions and how to coordinate with others. This year theme will be "Robots Roam the Halls", where we will focus on kinect-based robots that move in the SEAS buildings, to do applications like navigating, map building, and interacting with people. The class format will have a mixed lecture and lab format, and have a final project component.

Recommended Prep: **The only prerequisites are CS51 or CS61, or experience with programming and using APIs. This class is appropriate for CS, EE, and ME students interested in robotics.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Computer Science 205

Computing Foundations for Computational Science (128104)

David Sondak

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Computational science has become a third partner, together with theory and experimentation, in advancing scientific knowledge and practice, and an essential tool for product and process development and manufacturing in industry. Big data science adds the 'fourth pillar' to scientific advancements, providing the methods and algorithms to extract knowledge or insights from data. The course is a journey into the foundations of Parallel Computing at the intersection of large-scale computational science and big data analytics. Many science communities are combining high performance computing and high-end data analysis platforms and methods in workflows that orchestrate large-scale simulations or incorporate them into the stages of large-scale analysis pipelines for data generated by simulations, experiments, or observations. This is an applications course highlighting the use of modern computing platforms in solving computational and data science problems, enabling simulation, modeling and real-time analysis of complex natural and social phenomena at unprecedented scales. The class emphasizes on making effective use of the diverse landscape of programming models, platforms, open-source tools, computing architectures and cloud services for high performance computing and high-end data analytics.

Recommended Prep: **Students are expected to have basic programming experience and understanding of algorithms (e.g. CS50/CS51/CS207), familiarity with Python, C or similar, and basic knowledge of Linux including using the command line.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Computer Science 207

Systems Development for Computational Science (128105)

David Sondak

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This is a project-based course emphasizing designing, building, testing, maintaining and modifying

software for scientific computing. Students will work in groups on a number of projects, ranging from small data-transformation utilities to large-scale systems. Students will learn to use a variety of tools and languages, as well as various techniques for organizing teams. Most important, students will learn to fit tools and approaches to the problem being solved.

Recommended Prep: **Students are expected to have basic programming experience (Computer Science 50).**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Computer Science 223

Probabilistic Analysis and Algorithms (114806)

Michael Mitzenmacher

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Probabilistic techniques and tools for the design and analysis of algorithms. Designed for all first-year graduate students in all areas.

Recommended Prep: **Computer Science 124. Preferably additional probability, such as in Computer Science 226r, Statistics 110, or Mathematics 191.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Computer Science 226R

Topics in Theory for Society: Fairness and Validity (214483)

Cynthia Dwork

2020 Spring (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Topics from the literature on theoretical computer science addressing technical problems of societal concern. Focus for 2019-2020: Algorithmic Fairness and Statistical Validity in Adaptive (Exploratory) Data Analysis.

Recommended Prep: **Computer Science 124, 125, or 127.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Final Assessment Category	Three-hour Exam

FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Computer Science 227

Cryptography (213331)

Boaz Barak

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Cryptography is as old as human communication itself, but has undergone a revolution in the last few decades. It is now about much more than "secret writing" and includes seemingly paradoxical notions such as communicating securely without a shared secret, and computing on encrypted data. In this challenging but rewarding course we will start from the basics of private and public key cryptography and go all the way up to advanced notions such as fully homomorphic encryption and software obfuscation. This is a proof-based course that will be best appreciated by mathematically mature students.

Course Notes: **This course will be offered in both an undergraduate and graduate versions. The graduate version will involve an additional project.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam

Computer Science 228

Computational Learning Theory (113296)

Leslie Valiant

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Possibilities of and limitations to performing learning by a computational process. Computationally feasible generalization and its limits. Topics include computational models of learning, polynomial time learnability, learning from examples and from queries to oracles. Applications to Boolean functions, languages and geometric functions. Darwinian evolution as learning.

Recommended Prep: **Computer Science 121 or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Computer Science 229R

Topics in Theoretical Computer Science: Essential Coding Theory (120237)

Madhu Sudan

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduces essential elements the theory of error-correcting codes. Focuses on the basic results in the area, taught from first principles. Special focus will be given on results of asymptotic or algorithmic significance. Principal topics include 1. Construction and existence results for error-correcting codes; 2. Limitations on the combinatorial performance of error-correcting codes; 3. Decoding algorithms 4. Applications to other areas of mathematics and computer science. Lecture notes for this course from previous offerings give further details on the material covered. These may be found at http://madhu.seas.harvard.edu/courses/Spring2017.

Course Notes: **Instructor permission needed for undergraduates. Undergraduates planning to take the class must write to the instructor indicating (1) what they hope to learn from the class and (2) their level of preparation in math and CS theory (e.g., CS 121, CS 124).**

Recommended Prep: **CS 121/124/125 or equivalents.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Computer Science 236R

Topics at the Interface between Computer Science and Economics (116531)

Yiling Chen

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Interplay between computation and economics. Topics in electronic commerce, computational social choice, computational mechanism design, peer production, prediction markets and reputation systems. Readings in AI, theoretical CS, multi-agent systems, economic theory, and operations research.

Recommended Prep: **Mathematics 21b, Applied Mathematics 21b, or equivalent; Economics 1011a, or equivalent; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Computer Science 242

Computing at Scale (160624)

H. Kung

2020 Spring (4 Credits) **Schedule:** MW 0430 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Scaling computation over parallel and distributed computing systems is a rapidly advancing area of research receiving high levels of interest from both academia and industry. The objective can be for high---performance computing and energy---efficient computing ("green" data center servers as well as small embedded devices). In this course, students will learn principled methods of mapping prototypical computations used in machine learning, the Internet of Things, and scientific computing onto parallel and distributed compute nodes of various forms. These techniques will lay the foundation for future computational libraries and packages for both high---performance computing and energy---efficient devices. To master the subject, students will need to appreciate the close interactions between computational algorithms, software abstractions, and computer organizations. After having successfully taken this course, students will acquire an integrated understanding of these issues. The class will be organized into the following modules: Big picture: use of parallel and distributed computing to achieve high performance and energy efficiency; End---to---end example 1: mapping nearest neighbor computation onto parallel computing units in the forms of CPU, GPU, ASIC and FPGA; Communication and I/O: latency hiding with prediction, computational intensity, lower bounds; Computer architectures and implications to computing: multi---cores, CPU, GPU, clusters, accelerators, and virtualization; End---to---end example 2: mapping convolutional neural networks onto parallel computing units in the forms of CPU, GPU, ASIC, FPGA and clusters; Great inner loops and parallelization for feature extraction, data clustering and dimension reduction: PCA, random projection, clustering (K---means, GMM---EM), sparse coding (K---SVD), compressive sensing, FFT, etc.; Software abstractions and programming models: MapReduce (PageRank, etc.), GraphX/Apache Spark, OpenCL and TensorFlow; Advanced topics: autotuning and neuromorphic spike---based computing. Students will learn the subject through lectures/quizzes, programming assignments, labs, research paper presentations, and a final project. Students will have latitude in choosing a final project they are passionate about. They will formulate their projects early in the course, so there will be sufficient time for discussion and iterations with the teaching staff, as well as for system design and implementation. Industry partners will support the course by giving guest lectures and providing resources. The course will use server clusters at Harvard as well as external resources in the cloud. In addition, labs will have access to state---of---the---art IoT devices and 3D cameras for data acquisition. Students will use open source tools and libraries and apply them to data analysis, modeling, and visualization problems.

Recommended Prep: **(1) programming experience (Python, MatLab or C/C++ should be fine); (2) basic knowledge in systems and machine organization; (3) familiarity in data structures and algorithms; and (4) maturity in mathematics (e.g., undergraduate linear algebra and statistics). For students with strong interest in the subject matter and related research topics, one of these four requirements may be waived. Labs and extra support will provide preparation in the first weeks of the semester to help students quickly obtain the background necessary to excel in the course.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students

Computer Science 243

Advanced Computer Networks (212686)

Minlan Yu

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This is a graduate-level course on computer networks. It provides a comprehensive overview of advanced topics in network protocols and networked systems. The course will cover both classic papers on computer networks and recent research results. It will examine a wide range of topics including routing, congestion control, network architectures, network management, data center networks, software-defined networking, and programmable networks, with an emphasis on core networking concepts and principles and their usage in practice. The course will include lectures, in-class presentations, paper discussions, and a research project.

More information can be found at http://minlanyu.seas.harvard.edu/teach/cs243-fall19/.

Recommended Prep: **System programming at the level of CS 61, CS 143, CS145. Prior knowledge of basic networking concepts is useful.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Computer Science 246

Advanced Computer Architecture (127937)

David Brooks

2019 Fall (4 Credits) **Schedule:** F 0900 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

The contents and course requirements are similar to those of Computer Science 146, with the exception that students enrolled in Computer Science 246 are expected to undertake a substantial course project.

Recommended Prep: **Computer Science 141.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students

Computer Science 247R

Advanced Topics in Computer Architecture (128149)

David Brooks

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Seminar course exploring recent research in computer architecture. Topics vary from year to year and will include subjects such as multi-core architectures, energy-efficient computing, reliable computing, and the interactions of these issues with system software. Students read and present research papers, undertake a research project.

Recommended Prep: **Computer Science 146 or 246 or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Computer Science 248

Advanced Design of VLSI Circuits and Systems (121984)

Gu-Yeon Wei

2020 Spring (4 Credits) **Schedule:** WF 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

The contents and course requirements are similar to those of Computer Science 148, with the exception that students enrolled in Computer Science 248 are expected to do a substantial design project and paper discussions on advanced topics.

Course Notes: **Offered in alternate years.**

Recommended Prep: **Computer Science 141 or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Computer Science 249R

Special Topics in Edge Computing: Autonomous Machines (212687)

Vijay Janapa Reddi

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

The course covers a range of emerging research topics in edge computing. The Fall 2019 course focuses on computing systems for autonomous machines (drones, cars, etc.). We survey fundamental and cutting-edge research across algorithms, systems, and hardware, and learn how to optimize the cyber-physical system-stack for performance, power efficiency, reliability, and safety. This research-oriented course is ideal for students interested in interdisciplinary and cross-layer research.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Computer Science 252R

Advanced Topics in Programming Languages (114807)

Nada Amin

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This year only: We'll focus on making communication with computers more accessible: easier, faster, and safer. The course co-locates two advanced graduate seminars in HCI and PL. From HCI, students will learn new design and evaluation methods focused on utility and usability. From PL, students will learn new PL techniques relevant to building user-centric systems.

Students enrolled in 252r will select and present papers on PL topics including type systems, program synthesis, and metaprogramming. Students enrolled in 279 will select and present systems HCI papers about communicating intent between humans and computers, such as programming by demonstration and representing transformations on large piles of data. Activities will include a small number of lectures, discussion of relevant literature in each field, and a project, in which students from 252 and 279 will work together in groups to propose and carry out research at the intersection of PL and HCI.

Course Notes: **Designed for PhD students from all areas. Masters students and advanced undergraduates are welcome, particularly those who wish to do research (or write a thesis) in an area related to Human-Computer Interaction and/or Programming Languages.**

Recommended Prep: **Computer Science 152 or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Computer Science 252R

Advanced Topics in Programming Languages (114807)

Stephen Chong

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Seminar course exploring recent research in programming languages. Topics vary from year to year. Students read and present research papers, undertake a research project.

Recommended Prep: **Computer Science 152 or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Computer Science 263

Systems Security (160579)

James Mickens

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course explores practical attacks on modern computer systems, explaining how those attacks can be mitigated using careful system design and the judicious application of cryptography. The course discusses topics like buffer overflows, web security, information flow control, and anonymous communication mechanisms such as Tor. The course includes several small projects which give students hands-on experience with various offensive and defensive techniques; the final, larger project is open-ended and driven by student interests.

Recommended Prep: **Computer Science 161 (Operating Systems)**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Graduate Students

Computer Science 265

Big Data Systems (113660)

Stratos Idreos

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Big data is everywhere. A fundamental goal across numerous modern businesses and sciences is to be able to utilize as many machines as possible, to consume as much information as possible and as fast as possible. The big challenge is how to turn data into useful knowledge. This is a moving target as both the underlying hardware and our ability to collect data evolve. In this class, we discuss how to design data systems, data structures, and algorithms for key data-driven areas, including relational systems, distributed systems, graph systems, noSQL, newSQL, machine learning, and neural networks. We see how they all rely on the same set of very basic concepts and we learn how to synthesize efficient solutions for any problem across these areas using those basic concepts.

Recommended Prep: **CS 165 or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students

Computer Science 271

Topics in Data Visualization (211349)

Johanna Beyer

2020 Spring (4 Credits) **Schedule:** MW 0430 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This course covers advanced topics in data visualization. Over the course of the semester, we will examine seminal works and recent state-of-the-art research in information visualization, scientific visualization and visual analytics. Students will work on a semester-long visualization project that will allow them to visualize their own data sets and write a short paper about their project. We will employ peer-feedback and formal design critiques to analyze each other's work.

Course Notes: **Enrollment limited to 30 students. Instructor permission needed.**

Recommended Prep: **CS 171, CS 179, CS 279, or some data visualization experience. Please contact course staff if you are unsure about the course pre-requisites.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Computer Science 279R

Research Topics in Human-Computer Interaction (121985)

Elena Glassman

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This year only: We'll focus on making communication with computers more accessible: easier, faster, and safer. The course co-locates two advanced graduate seminars in HCI and PL. From HCI, students will learn new design and evaluation methods focused on utility and usability. From PL, students will learn new PL techniques relevant to building user-centric systems.

Students enrolled in 252r will select and present papers on PL topics including type systems, program synthesis, and metaprogramming. Students enrolled in 279 will select and present systems HCI papers about communicating intent between humans and computers, such as programming by demonstration and representing transformations on large piles of data. Activities will include a small number of lectures, discussion of relevant literature in each field, and a project, in which students from 252 and 279 will work together in groups to propose and carry out research at the intersection of PL and HCI.

Course Notes: **Designed for PhD students from all areas. Masters students and advanced undergraduates are welcome, particularly those who wish to do research (or write a thesis) in an area related to Human-Computer Interaction and/or Programming Languages.**

Recommended Prep: **None for PhD students; for undergrads CS 179 or CS 171 is strongly recommended and permission of the instructor is required. Basic programming skills will be needed to implement and conduct experiments.**

Additional Course Attributes:

Attribute	Value(s)
GSD: MDS/MDE Rec. Elec.	MDE recommended elective

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Computer Science 280R

Curricular Design for Computer Science: Computational Linguistics and Natural-language Processing (109283)

Stuart Shieber

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This graduate seminar focuses on the design of a curriculum and pedagogical infrastructure for a new computer science course. This term, the target course will be an undergraduate course in computational linguistics, the study of human language using the tools and techniques of computer science, and the technological applications thereof. The class will investigate appropriate subject matter for the target course, canvas existing and novel pedagogical methods for teaching the subject, and construct a curriculum and course materials and infrastructure for a new course on the subject, to be taught in the fall of 2020.

Course Notes: **Enrollment limited to 15 students, selected on the basis of a preregistration survey.**

Recommended Prep: **CS51, CS121, some statistics background.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Computer Science 281

Advanced Machine Learning (107677)

Jean-Baptiste Tristan

Michael Wick

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Advanced statistical machine learning and probabilistic data analysis. Covers discrete and continuous probabilistic modeling and computational inference. Topics include: Bayesian modeling, probabilistic graphical models, latent variables and unsupervised learning, deep learning, time series models, variational inference, and sampling. Requires a final project.

Recommended Prep: **Students should be comfortable with linear algebra and probability theory, basic machine learning (at the level of CS 181), and large-scale Python data analysis.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	Science & Engineering & Applied Science

Computer Science 282BR

Topics in Machine Learning: Interpretability and Explainability (213653)

Hima Lakkaraju

2019 Fall (4 Credits) **Schedule:** F 1200 PM - 0230 PM

Instructor Permissions: Instructor **Enrollment Cap:** 25

As machine learning models are increasingly being employed to aid decision makers in high-stakes settings such as healthcare and criminal justice, it is important to ensure that the decision makers (end users) correctly understand and consequent trust the functionality of these models. This graduate level course aims to familiarize students with the recent advances in the emerging field of explainable ML. In this course, we will review seminal position papers of the field, understand the notion of model interpretability from the perspective of decision makers (end users), discuss in detail different classes of interpretable models (e.g., case (prototype) based approaches, sparse linear models, rule-based techniques, saliency maps, generalized additive models, and counterfactual explanations), and explore the connections between model interpretability and causality, debugging, and fairness. The course will also emphasize on various applications which can immensely benefit from model interpretability including medical imaging and judicial decision making.

Recommended Prep: **Knowledge of machine learning, convex optimization, probability and statistics, basic computer science and programming skills.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
GSD: MDS/MDE Rec. Elec.	MDE recommended elective

Computer Science 282R

Topics in Machine Learning: Batch Reinforcement Learning (156936)

Finale Doshi-Velez

2019 Fall (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** 20

This course will take a deep dive into batch reinforcement learning, with a focus on healthcare applications. Sequential decision making is at the core of many healthcare problems: a clinician observes a patient, determines a treatment, and based on the response and the patient's previous history, determines what to try next. Reinforcement learning is a formal framework for thinking about such problems. Batch reinforcement learning aims to extract as much as possible from previously-observed trajectories: given a large batch of previous clinician-patient interactions, what inferences can we make about good courses of action? What inferences are not possible?

We will first review the fundamentals through lectures, readings, and coding assignments; they will also engage in a semester-long project applying and extending these ideas to problems related to healthcare (including the opportunity to work with clinical decision-making in intensive care units).

Recommended Prep: **Students are expected to be fluent in basic linear algebra (matrix manipulation), basic statistics (e.g. rules of expectations, importance**

sampling), algorithms (e.g. dynamic programming), and software engineering/numerical computing (e.g. programming in Python and numpy, working with data with 100,000+ rows).

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Computer Science 283

Computer Vision (113944)

Todd Zickler

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Vision as an ill-posed inverse problem: image formation, two-dimensional signal processing; feature analysis; image segmentation; color, texture, and shading; multiple-view geometry; object and scene recognition; and applications.

Course Notes: **Offered jointly with the Design School as SCI-06275.**

Additional Course Attributes:

Attribute	Value(s)
GSD: MDS/MDE Rec. Elec.	MDE recommended elective
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students

Computer Science 289

Biologically-inspired Multi-agent Systems (120238)

Radhika Nagpal

2019 Fall (4 Credits) **Schedule:** WF 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Surveys biologically-inspired approaches to designing distributed systems. Focus is on biological models, algorithms, and programming paradigms for self-organization. Topics vary year to year, and usually include: (1) swarm intelligence: social insects and animal groups, with applications to networking and robotics, (2) cellular computing: including cellular automata/amorphous computing, and applications like self-assembling robots and programmable materials, (3) evolutionary computation and its application to optimization and design.

Course Notes: **Geared toward graduate students of all levels as well as advanced undergraduates. Preference given to graduate students or upper-level concentrators.**

Recommended Prep: **Students should have a familiarity/experience with computer systems (e.g. software, networking) and algorithms/analysis through classes and/or internship experiences. Background in biology not required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Computer Science 299R

Special Topics in Computer Science (114035)

David Brooks

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Supervision of experimental or theoretical research on acceptable computer science problems and supervision of reading on topics not covered by regular courses of instruction.

Course Notes: **Open to graduate students and AB/SM candidates only. Students must arrange such work with a member of the School of Engineering and Applied Sciences. This course is graded and is ordinarily taken with the approval of the Committee on Higher Degrees. Applicants must file a project sheet before study cards are filed. Project sheets may be obtained from the Academic Office, Pierce Hall 110.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Computer Science 299R

Special Topics in Computer Science (114035)

Leslie Valiant

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Supervision of experimental or theoretical research on acceptable computer science problems and supervision of reading on topics not covered by regular courses of instruction.

Course Notes: **Open to graduate students and AB/SM candidates only. Students must arrange such work with a member of the School of Engineering and Applied Sciences. This course is graded and is ordinarily taken with the approval of the Committee on Higher Degrees. Applicants must file a project sheet before study cards are filed. Project sheets may be obtained from the Academic Office, Pierce Hall 110 or at https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Computer Science 306

Readable, Extensible, High-Performance Software Systems (109278)

Eddie Kohler

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Computer Science 306

Readable, Extensible, High-Performance Software Systems (109278)

Eddie Kohler

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Computer Science 308

Biologically-Inspired Multi-Agent Systems, Distributed Systems, and Computational Biology (119252)

Radhika Nagpal

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Computer Science 308

Biologically-Inspired Multi-Agent Systems, Distributed Systems, and Computational Biology (119252)

Radhika Nagpal

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Computer Science 310

Computational Mechanism Design, Electronic Marketplaces, and Multi-Agent Systems (116301)

David Parkes

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Computer Science 310

Computational Mechanism Design, Electronic Marketplaces, and Multi-Agent Systems (116301)

David Parkes

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Computer Science 312

Collaborative Systems, AI Planning, and Natural Language Processing (143299)

Barbara Grosz

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Computer Science 312

Collaborative Systems, AI Planning, and Natural Language Processing (143299)

Barbara Grosz

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Computer Science 314

Visual Computing (124155)

Hanspeter Pfister

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Computer Science 314

Visual Computing (124155)

Hanspeter Pfister

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Computer Science 316

Social Computing: Computation and Economics (125388)

Yiling Chen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Computer Science 316

Social Computing: Computation and Economics (125388)

Yiling Chen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Computer Science 320

Data Systems Design (156744)

Stratos Idreos

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Computer Science 320

Data Systems Design (156744)

Stratos Idreos

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Computer Science 324

Human-Computer Communication through Natural, Graphical, and Artificial Languages (111666)

Stuart Shieber

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Computer Science 324

Human-Computer Communication through Natural, Graphical, and Artificial Languages (111666)

Stuart Shieber

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Computer Science 325

Communicating with Machines About Data (212951)

Elena Glassman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Computer Science 325

Communicating with Machines About Data (212951)

Elena Glassman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Computer Science 326

Intelligent Interactive Systems and Human-Computer (126331)

Krzysztof Gajos

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Computer Science 326

Intelligent Interactive Systems and Human-Computer (126331)

Krzysztof Gajos

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Computer Science 327

Tools for Reliable Meaningful Efficient Communication (160962)

Madhu Sudan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Computer Science 327

Tools for Reliable Meaningful Efficient Communication (160962)

Madhu Sudan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Computer Science 328

Mathematical Logic, Theory of Computation (133437)

Harry Lewis

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Computer Science 328

Mathematical Logic, Theory of Computation (133437)

Harry Lewis

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Computer Science 335

Complexity, Algorithms, Cryptography, and Convex Programming (206566)

Boaz Barak

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Computer Science 335

Complexity, Algorithms, Cryptography, and Convex Programming (206566)

Boaz Barak

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course

Computer Science 344

Computer Architecture: Modeling and Design (116858)

David Brooks

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Computer Science 344

Computer Architecture: Modeling and Design (116858)

David Brooks

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Computer Science 345

Datacenter networking (117839)

Minlan Yu

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Computer Science 346

High-Performance Computer Systems (117841)

Michael Smith

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Computer Science 346

High-Performance Computer Systems (117841)

Michael Smith

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Computer Science 348

Computer Vision (120091)

Todd Zickler

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Computer Science 348

Computer Vision (120091)

Todd Zickler

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Computer Science 356

Computational Complexity, Parallel Computation, Computational Learning, Neural Computation (113027)

Leslie Valiant

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Computer Science 356

Computational Complexity, Parallel Computation, Computational Learning, Neural Computation (113027)

Leslie Valiant

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Computer Science 358

Computational Complexity, Cryptography, and Pseudorandomness (115136)

Salil Vadhan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Computer Science 358

Computational Complexity, Cryptography, and Pseudorandomness (115136)

Salil Vadhan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Computer Science 360

On-line Algorithms and Randomized Algorithms (109883)

Michael Mitzenmacher

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Computer Science 360

On-line Algorithms and Randomized Algorithms (109883)

Michael Mitzenmacher

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Computer Science 362

Software Systems: Security, Performance, and Robustness (160959)

James Mickens

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Computer Science 362

Software Systems: Security, Performance, and Robustness (160959)

James Mickens

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Computer Science 364

Programming Languages and Security (126329)

Stephen Chong

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Computer Science 364

Programming Languages and Security (126329)

Stephen Chong

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Computer Science 372

Topics in Theory for Society (204561)

Cynthia Dwork

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course

Computer Science 372

Topics in Theory for Society (204561)

Cynthia Dwork

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Computer Science 376

Computer Graphics (121071)

Steven Gortler

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Computer Science 376

Computer Graphics (121071)

Steven Gortler

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Computer Science 378

Sketching Algorithms for Massive Data (110261)

Jelani Nelson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Computer Science 378

Sketching Algorithms for Massive Data (110261)

Jelani Nelson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Computer Science 380

Algorithms for Social Data (110263)

Yaron Singer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Computer Science 380

Algorithms for Social Data (110263)

Yaron Singer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Computer Science 382

Natural Language Understanding and Generation (160961)

Alexander Rush

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Computer Science 382

Natural Language Understanding and Generation (160961)

Alexander Rush

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Computer Science 384

Advanced Control, Estimation, and Analysis of Robots and Dynamical Systems (160963)

Scott Kuindersma

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Computer Science 384

Advanced Control, Estimation, and Analysis of Robots and Dynamical Systems (160963)

Scott Kuindersma

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Computer Science 385

Artificial Intelligence for Social Good (213680)

Milind Tambe

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Computer Science 385

Artificial Intelligence for Social Good (213680)

Milind Tambe

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Computer Science 386

Machine Learning (160970)

Finale Doshi-Velez

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Computer Science 386

Machine Learning (160970)

Finale Doshi-Velez

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Computer Science 387

Statistical Reinforcement Learning (214477)

Susan Murphy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Computer Science 387

Statistical Reinforcement Learning (214477)

Susan Murphy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Earth and Planetary Sciences

Subject: Earth & Planetary Sciences

Earth & Planetary Sciences 10

A Brief History of the Earth (203888)

Jerry Mitrovica

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 68

This is an introduction to Earth and Planetary science for EPS concentrators and an overview, for those outside the field, of the critical events and processes that have shaped the Earth's evolution and its place in the solar system. The course is designed to highlight the processes, from tectonic plate to microbial scale, that drive the Earth's response to (internal and external) perturbations and we will explore both the time scale of those perturbations and the limits of the Earth's resilience. By considering the full sweep of geological time, from the early Earth to the modern world, the course will take advantage of a series of natural experiments to compare the Earth system during periods with and without atmospheric oxygen, animals, land plants and polar ice sheets, and to compare it, on occasion, with other terrestrial planets.

Class Notes: **Class capacity is 68 students, and students must be able to join one of the lab sections (Tuesday 3:00-5:00 pm, Wednesday 3:00-5:00 pm, Thursday 3:00-5:00 pm, or Friday 10:00 am-12:00 pm) in order to enroll in the class. If interest in this class exceeds capacity, a lottery will be conducted. Please see the course Canvas site for more details. This course includes a mandatory lab component and a one-day field trip.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Earth & Planetary Sciences 51

Introduction to Planetary Materials and Earth Resources (109527)

Stein Jacobsen

2019 Fall (4 Credits) **Schedule:** MW 0430 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A comprehensive introduction to how the principles of mineralogy, phase equilibria, and the compositions of terrestrial and extraterrestrial materials are used to understand the evolution of the Earth and its resources. The course will discuss how we know that the Earth's crust has more than sufficient resources for its human population.

Course Notes: **Course includes a weekly lab and three 1-day field trips. This course fulfills the EPS sub-discipline requirement of either Earth History and**

Geobiology or Geology, Geophysics and Planetary Science.

Recommended Prep: **An introductory earth and or planetary science course and a course in college-level chemistry or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Earth & Planetary Sciences 52

Geophysics of the Earth and Planets (109231)

Roger Fu

2020 Spring (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

A combined introduction to geophysics and planetary sciences. This course serves as a bridge between introductory Earth science course EPS 10 and higher level geophysics and planetary sciences courses in EPS. We will cover topics widely applicable to the physics of rocky planets, including plate tectonics, interior composition, heat flow and rheology, mantle convection, core dynamos, the gravity field and geodesy, and coupling between geophysical processes and climate. Throughout the course, we will emphasize how these concepts are expressed not only on the Earth, but also on the other terrestrial planets of the solar system, large asteroids, and satellites of the giant planets. This course will provide a strong foundation for further study in many areas of Earth and Planetary Sciences, such as geophysics, planetary sciences, tectonics, structural geology, among others. Knowledge of calculus, introductory physics, and introductory geological principles are will be expected.

Course Notes: **Course includes two labs of approximately 3-hour duration. One lab will involve taking nighttime lunar observations. This course fulfills the EPS sub-discipline requirement of Geology, Geophysics and Planetary Science.**

Class Notes: **Please note that there has been an instructor change since the course was offered last spring term, and student comments/concerns will be taken into consideration.**

Recommended Prep: **Applied Mathematics 21a,b (or Mathematics 1a,1b; or Mathematics 21a, b); Physics 15a,b (prior or concurrent) or Physical Sciences 12a,b; or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Final Assessment Category	Three-hour Exam

Earth & Planetary Sciences 55

Earthquakes and Tectonics (205190)

Marine Denolle

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to earthquakes in the context of global tectonics, source mechanisms, types of natural and induced quakes. Faults in the field, dating earthquakes, materials of fault cores. Observations, introduction to the theory, and analog modeling of earthquake cycles, mountain building, infrastructure response to earthquake ground motion. Introduction to tsunami hazard and to earthquake risk analysis.

Course Notes: **This course fulfills the EPS sub-discipline requirement of Geology, Geophysics and Planetary Science.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Undergraduate Students

Earth & Planetary Sciences 56

Geobiology and the History of Life (108969)

David Johnston

Andrew Knoll

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Within our solar system, Earth is distinguished as the planet with life. Life was born of planetary processes, has been sustained for some four billion years by planetary processes, and through time has emerged as a set of planetary processes that is important in its own right. In this course we will investigate the ways that Earth and life interact, focusing in particular on the biogeochemical cycles of major elements. This will provide a framework for interpreting the history of life reconstructed from fossils and phylogeny.

Course Notes: **Course includes a weekly three-hour lab to be arranged and one field trip.**
EPS 56 is also offered as OEB 56. Students may not take both for credit. This course fulfills the EPS sub-discipline requirement of Earth History and Geobiology.

Recommended Prep: **EPS 10, OEB 10, or Life Sciences 1b, or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Earth & Planetary Sciences 91

Supervised Reading and Research (110761)

Miaki Ishii

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Supervised reading and research on topics not covered by regular courses of instruction. Taught by faculty members of the department.

Course Notes: **Usually intended for junior or senior concentrators in Earth and Planetary Sciences; open to sophomore concentrators under some circumstances.**
To enroll, students must submit a registration form, which includes permission of their faculty sponsor, to the Academic Administrator.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Earth & Planetary Sciences 91

Supervised Reading and Research (110761)

Miaki Ishii

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Supervised reading and research on topics not covered by regular courses of instruction. Taught by faculty members of the department.

Course Notes: **Usually intended for junior or senior concentrators in Earth and Planetary Sciences; open to sophomore concentrators under some circumstances.**
To enroll, students must submit a registration form, which includes permission of their faculty sponsor, to the Academic Administrator.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Undergraduate Students

Earth & Planetary Sciences 99A

Tutorial - Senior Year (120379)

Miaki Ishii

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Research and writing of the senior thesis under faculty direction.

Course Notes: **Senior honors candidates must take at least one term of this course**

(fall or spring) if writing a thesis; an oral presentation is required. To enroll, students must submit a registration form, which includes permission of their faculty sponsor, to the Academic Administrator.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Not Available for Cross Registration
Full Year Course	Indivisible Course
FAS: Course Level	Primarily for Undergraduate Students

Earth & Planetary Sciences 99A

Tutorial - Senior Year (120379)

Miaki Ishii

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Research and writing of the senior thesis under faculty direction.

Course Notes: **Senior honors candidates must take at least one term of this course (fall or spring) if writing a thesis; an oral presentation is required. To enroll, students must submit a registration form, which includes permission of their faculty sponsor, to the Academic Administrator.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Indivisible Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Earth & Planetary Sciences 99B

Tutorial - Senior Year (159619)

Miaki Ishii

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Research and writing of the senior thesis under faculty direction.

Course Notes: **Senior honors candidates must take at least one term of this course (fall or spring) if writing a thesis; an oral presentation is required. To enroll, students must submit a registration form, which includes permission of their faculty sponsor, to the Academic Administrator.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
Full Year Course	Indivisible Course
FAS Divisional Distribution	Science & Engineering & Applied Science

FAS: Course Level	Primarily for Undergraduate Students
Course Search Attributes	Display Only in Course Search

Earth & Planetary Sciences 99B

Tutorial - Senior Year (159619)

Miaki Ishii

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Research and writing of the senior thesis under faculty direction.

Course Notes: **Senior honors candidates must take at least one term of this course (fall or spring) if writing a thesis; an oral presentation is required. To enroll, students must submit a registration form, which includes permission of their faculty sponsor, to the Academic Administrator.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Indivisible Course
FAS Divisional Distribution	Science & Engineering & Applied Science
Course Search Attributes	Display Only in Course Search

Earth & Planetary Sciences 100

The Missing Matlab Course: A Practical Introduction to Programming and Data Analysis (122333)

Miaki Ishii

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Being able to write a working program is not just about syntaxes of the programming language but involves other skills such as debugging and being able to convert a problem at hand to a sequence of commands. This intense course develops these skills for successful program writing by being hands-on. Students will first learn new syntaxes and then spend time writing numerous scripts.

Course Notes: **Nor prior knowledge of MATLAB is required. Course meeting time includes lecture and lab. Students are not allowed to audit the course.**

Recommended Prep: **Mathematics 1a, b; or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
Quantitative Reasoning with Data	Yes
FAS: Course Level	For Undergraduate and Graduate Students

Earth & Planetary Sciences 101

Global Warming Science 101 (214499)

Eli Tziperman

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to the science of global warming/ climate change, meant to assist students to process issues that often appear in the news and public debates. Topics include: the greenhouse effect, and consequences of the rise of greenhouse gasses including sea level rise, ocean acidification, heat waves, droughts, glacier melting, hurricanes and more. Throughout, an ability to critically evaluate observations, predictions and risk will be emphasized. The students will be involved in in-class quantitative analysis of climate observations, feedbacks and models via python Jupyter notebooks that will be provided.

Course Notes: **This course fulfills the E-PSCI sub-discipline requirement of Atmosphere(s) and Oceans. E-PSCI 101 is also offered as ESE 101. Students may not take both for credit. For SB students: this course can only count as a science elective in the concentration requirements, and SB students must enroll in E-PSCI 101. AB students may enroll in either E-PSCI 101 or ESE 101 to meet their concentration requirements.**

Class Notes: **Programming in Python will be employed throughout the course in HW assignments and course workshops. Prior exposure to basic programming would be helpful, and students will be provided with template code to start from and be guided in this work in weekly course workshops. Students are requested to bring their laptops to the first class, and to try to install Anacoanda python version 3.7 before class.**

Recommended Prep: **Basic calculus and ordinary differential equations, as covered for example by Math 1b, Math 19a, Math 21b.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students
Quantitative Reasoning with Data	Yes
All: Cross Reg Availability	Available for Harvard Cross Registration

Earth & Planetary Sciences 112

Thermodynamics by Case Study (161215)

Scot Martin

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 18

Fundamental concepts and formalisms of conservation of energy and increase of entropy as applied to natural and engineered environmental and biological systems. Pedagogical approach is to start with real-world observations and applications, extracting the underlying fundamentals of thermodynamics from these.

Course Notes: **EPS 112 is also offered as ES 112. Students may not take both for**

credit. Undergraduate engineering students should enroll in ES 112. This course fulfills the EPS sub-discipline requirement of Atmosphere (s) and Oceans. Total class capacity of 18 includes students in both ES 112 and EPS 112.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Earth & Planetary Sciences 122

Designing Satellite Missions: Research Methods through the Lens of Earth Observing Systems (215715)

Peter Zoogman

2020 Spring (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Satellites provide a vast and powerful suite of global observations of Earth system processes. In this course, students will learn research methods and work with satellite data, including those targeted at: land use, ocean biochemistry, climate change, and air pollution. We will emphasize skills for designing and proposing projects, such as: project planning, reading scientific papers, writing research proposals, and exploratory data analysis. This course will provide the framework and understanding for the students to design future missions to address environmental, scientific, and societal challenges. By the end of the course, students will have learned to work with big data both to address existing scientific questions and to pose new ones.

Course Notes: **E-PSCI 122 is also offered as ESE 122. Students may not take both for credit. Given in alternate years.**

Recommended Prep: **Math 1a,b; Physics 11a.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Earth & Planetary Sciences 129

Climate and Atmospheric Physics Laboratory (213672)

Marianna Linz

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will take a hands-on approach to learning climate and atmospheric physics. Topics covered will include the Greenhouse effect, global scale atmospheric dynamics, synoptic meteorology and weather forecasting, and climate modeling. Each week will have one three-hour session to perform laboratory experiments, run models, analyze data, and create data visualizations. In this flipped-classroom environment, knowledge transfer will occur outside of class through readings and pre-class assignments in preparation for each session.

Course Notes: **EPS 129 is also offered as ESE 129. Students may not take both for credit. This course fulfills the EPS sub-discipline requirement of Atmosphere(s) and Oceans.**
For SB students: this course can only count as a science elective in the concentration requirements, and SB students must enroll in EPS 129. AB students may enroll in either EPS 129 or ESE 129 to meet their concentration requirements.

Class Notes: **Course includes a part-day trip to NOCA Glass School.**

Recommended Prep: **Physics 12a/15a/16, Math/AM 21a (b recommended) or equivalent or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Earth & Planetary Sciences 131

Introduction to Physical Oceanography and Climate (111361)

Eli Tziperman

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Observations and fundamentals of ocean dynamics, from the role of the oceans in global climate and climate change to beach waves. Topics include the greenhouse effect, oceans and global warming; El Nino events in the equatorial Pacific Ocean; currents: the wind driven ocean circulation and the Gulf stream; coastal upwelling and fisheries; temperature, salinity, the overturning circulation and its effect on global climate stability and variability; wave motions: surface ocean waves, internal waves, tsunamis and tides; ocean observations by ships, satellites, moorings, floats and more.

A field trip to the Woods Hole Oceanographic Institution on Cape Cod will be held during the course, which will be an opportunity to learn about sea-going oceanography.

Software for scientific computation and graphics will be introduced (students may choose either Matlab or python), which will be used for some homework assignments.

Course Notes: **EPS 131 is also offered as ESE 131. Students may not take both for credit. This course fulfills the EPS sub-discipline requirement of Atmosphere(s) and Oceans. Given in alternate years.**

Recommended Prep: **Mathematics 21a, 21b; Physical Sciences 12a, Physics 15a or Applied Physics 50a; or equivalents/ permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
Quantitative Reasoning with Data	Yes

Earth & Planetary Sciences 133

Atmospheric Chemistry (122093)

Daniel Jacob

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Physical and chemical processes determining the composition of the atmosphere and its implications for climate, ecosystems, and human welfare. Construction of atmospheric composition models. Atmospheric transport. Nitrogen, oxygen, and carbon cycles. Climate forcing by greenhouse gases and aerosols. Stratospheric ozone. Oxidizing power of the atmosphere. Surface air pollution: aerosols and ozone. Deposition to ecosystems: acid rain, nitrogen, mercury.

Course Notes: **EPS 133 is also offered as ESE 133. Students may not take both for credit. This course fulfills the EPS sub-discipline requirement of Atmosphere(s) and Oceans.**

Recommended Prep: **Physical Sciences 1, 2, Mathematics 1b; or equivalents.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Earth & Planetary Sciences 138

Mysteries of Climate Dynamics (204007)

Brian Farrell

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

We will study the evidence in the climate record for dramatic changes in the climate system and delve into how these challenge our understanding of climate dynamics. Case studies will include the dim early sun paradox, the Snowball Earth, Equable Climates, Glacial/Interglacial and Stadial/Interstadial transitions and ENSO.

Course Notes: **This course fulfills the EPS sub-discipline requirement of Atmosphere (s) and Oceans. EPS 138 is also offered as ESE 138. For SB students: this course can only count as a science elective in the concentration requirements, and SB students must enroll in EPS 138. AB students may enroll in either EPS 138 or ESE 138 to meet their concentration requirements.**

Recommended Prep: **Mathematics 21 or Applied Mathematics 21A and 21B; Physical Sciences 12; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Earth & Planetary Sciences 142

Mineralogy (205567)

Rebecca Fischer

2019 Fall (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course provides a comprehensive foundation of mineralogy for students of Earth and planetary sciences, materials science, or related fields. Topics include: bonding, symmetry, crystallography, high pressure mineralogy, and the bonding, structures, and significance of a variety of mineral types. Weekly lab sections will cover crystal structures, symmetry, and the identification of a variety of minerals in hand samples.

Course Notes: **Course includes a three-hour weekly lab to be arranged and one field trip. This course fulfills the EPS sub-discipline requirement of Geology, Geophysics and Planetary Science.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam

Earth & Planetary Sciences 146

Ocean Ridges and the Earth System (108000)

Charles Langmuir

2019 Fall (4 Credits) **Schedule:** TR 0430 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Course will present our current knowledge of the ocean ridge system where two thirds of Earth's crust is continually being created. We will examine the progressive understanding of ocean ridges from a historical perspective, emphasizing the process of scientific discovery. Topics include melt generation in the mantle, magmatic processes in the crust, formation of ocean ridge topography, faulting and tectonics, hydrothermal systems, manifestations in the overlying water column, and the unique ecosystems associated with vents. Approaches must be inherently interdisciplinary, including geochemistry, geophysics, geology, hydrothermal systems, and biology. The place of the ocean ridge system within the overall Earth system will be emphasized.

Course Notes: **This course includes a weekly two-hour lab to be arranged. This course fulfills the EPS sub-discipline requirement of Geology, Geophysics and Planetary Science.**

Recommended Prep: **One of: EPS 10, EPS 21, EPS 22, EPS 50, or SPU 14; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

All: Cross Reg Availability	Available for Harvard Cross Registration

Earth & Planetary Sciences 160

Space Science and Engineering: Theory and Applications (160957)

Robin Wordsworth

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This course is an introduction to the challenges involved in designing spacecraft for observation of Earth and exploration of other planets. Topics covered include basic atmospheric and planetary science, key principles of remote sensing, telemetry, orbital transfer theory, propulsion and launch system design, and thermal and power management.

Course Notes: **EPS 160 is also offered as ESE 160. Students may not take both for credit. Undergraduate engineering students should enroll in ESE 160. This course fulfills the EPS sub-discipline requirement of Geology, Geophysics and Planetary Science.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students

Earth & Planetary Sciences 171

Structural Geology and Tectonics (112745)

John Shaw

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to the deformation of Earth materials, including the processes of mountain building and plate tectonics, faulting and earthquakes, folding, and ductile deformation. Structures are examined using geologic maps, balanced cross sections, seismic reflection data, satellite imagery, microscopic analysis, analog experiments, and numerical methods. Labs emphasize the applications of structural geology in the energy and environmental industries, and for assessing earthquake hazards.

Course Notes: **Course includes a weekly three-hour lab to be arranged and one field trip. This course fulfills the EPS sub-discipline requirement of Geology, Geophysics and Planetary Science. Given in alternate years.**

Recommended Prep: **EPS 10 or EPS 55, an equivalent course, or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Earth & Planetary Sciences 174

Field Experiences in Earth and Planetary Sciences (120728)

Miaki Ishii

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Attend a domestic or overseas geological field program of 3-6 weeks duration to learn methods of obtaining, synthesizing, and interpreting field observations.

Course Notes: **Field programs are selected individually by students with the advice and approval of the instructor. This course fulfills the EPS sub-discipline requirement of either Earth History and Geobiology or Geology, Geophysics and Planetary Science. Students must notify the instructor and Academic Administrator of intention to enroll by the course registration deadline of the preceding term.**

Recommended Prep: **Permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Earth & Planetary Sciences 174

Field Experiences in Earth and Planetary Sciences (120728)

Roger Fu

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Attend a domestic or overseas geological field program of 3-6 weeks duration to learn methods of obtaining, synthesizing, and interpreting field observations.

Course Notes: **Field programs are selected individually by students with the advice and approval of the instructor. Students must notify the instructor and Academic Administrator of intention to enroll by the course registration deadline of the preceding term.**
This course fulfills the EPS sub-discipline requirement of either Earth History and Geobiology or Geology, Geophysics and Planetary Science.

Class Notes: **For Spring 2020: Classes will meet for 1 hour. There will be additional meetings in the Harvard Paleomagnetics Lab, to be arranged.**

Recommended Prep: **Permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Earth & Planetary Sciences 187

Biogeochemistry (117399)

Ann Pearson

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to biological and organic chemistry of the Earth's environment. Primary focus on formation, processing, and preservation of organic carbon, with emphasis on paleoenvironmental applications and on processes occurring at the molecular level. This class is intended to be taken in series with EPS 186.

Course Notes: **This course fulfills the EPS sub-discipline requirement of Earth History and Geobiology. Given in alternate years.**

Recommended Prep: **A course in college-level chemistry or equivalent. Chemistry 17 or 27 strongly recommended. EPS 186 strongly recommended.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam

Earth & Planetary Sciences 200

Atmospheric Chemistry and Physics (111855)

Daniel Jacob

Steven Wofsy

2019 Fall (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Atmospheric physics and chemistry: stratospheric and tropospheric transport, photochemistry, and aerosols; stratospheric ozone loss, tropospheric pollution; biogeochemical cycles.

Course Notes: **Students specializing in this area are expected to take EPS 200 and 236. EPS 200 is also intended to serve as a breadth course for students specializing in other areas of Earth & Planetary Sciences or Environmental Science & Engineering.**

Recommended Prep: **Applied Mathematics 21 or equivalent, a course in college-level mechanics, electromagnetism, and chemistry.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Earth & Planetary Sciences 202

Mechanics in Earth and Environmental Science (124688)

James Rice

2019 Fall (4 Credits) **Schedule:** WF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to the mechanics of fluids and solids, organized around earth and environmental phenomena. Conservation laws, stress, deformation and flow. Inviscid fluids and ocean gravity waves; Coriolis dominated large scale flows. Viscosity and groundwater seepage; convective cells; boundary layers. Turbulent stream flows; flood surges; sediment transport. Elasticity and seismic waves. Pore fluid interactions with deformation and failure of earth materials, as in poro-mechanics of consolidation, cracking, faulting, and landslides. Ice sheets and glacial flow mechanics.

Course Notes: **EPS 202 is also offered as APPHY 202. Students may not take both for credit.**

Recommended Prep: **Calculus-based introductory physics.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Earth & Planetary Sciences 203

Earthquakes and Faulting (121615)

Marine Denolle

Brendan Meade

John Shaw

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Earthquake phenomenology in the context of plate tectonics. Continuum mechanics and elastic deformation; seismic wave radiation. Earthquake cycle models and constraints from tectonic geodesy. Earthquake geology and paleoseismology. Source physics, fault friction, rupture dynamics. Deformation rates and fault system structure. Quantitative seismic hazard analysis.

Course Notes: **Given in alternate years.**

Recommended Prep: **Applied Mathematics 21a, b.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Earth & Planetary Sciences 207

Geochemical Oceanography (112198)

Daniel Schrag

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Topics in low-temperature geochemistry, oceanography, and climatology will be discussed. Students will read and present journal articles on relevant topics, and will rotate responsibility for leading discussions.

Course Notes: **Given in alternate years or upon announcement.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Earth & Planetary Sciences 208

Physics of Climate (122549)

Zhiming Kuang

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Overview of the basic features of the climate system (global energy balance, atmospheric general circulation, ocean circulation, and climate variability) and the underlying physical processes.

Course Notes: **This course includes a weekly computer lab to be arranged.**

Recommended Prep: **Applied Mathematics 105 (may be taken concurrently); Physics 15 or Physical Sciences 12a,b; or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Earth & Planetary Sciences 232

Dynamic Meteorology (115633)

Brian Farrell

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

The atmosphere understood as a fluid dynamical system. Observations of atmospheric motions related to weather and climate. Application of the equations of atmospheric dynamics to explaining phenomena such as jet streams, cyclones and fronts.

Recommended Prep: **Applied Mathematics 105; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Earth & Planetary Sciences 236

Environmental Modeling and Data Analysis (120783)

Steven Wofsy

Daniel Jacob

2019 Fall (4 Credits) **Schedule:** WF 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Chemical transport models: principles, numerical methods. Inverse models: Bayes' theorem, optimal estimation, Kalman filter, adjoint methods. Analysis of environmental data: visualization, time series analysis, Monte Carlo methods, statistical assessment. Students prepare projects and presentations.

Course Notes: **Course includes one to three hours of computer-based laboratory work per week to be arranged. Students specializing in this area are expected to take EPS 200 and 236. EPS 236 may also serve as an introduction to modeling and applied statistics for other students.**

Recommended Prep: **Applied Mathematics 105; a course in atmospheric chemistry (EPS 133 or 200 or equivalent); or permission of the instructors.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Earth & Planetary Sciences 240

Isotope and Trace Element Geochemistry and Geochronology (111063)

Stein Jacobsen

2020 Spring (4 Credits) **Schedule:** MW 0430 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The origin of the element and isotope distribution in the Earth and the Solar System. Closed system radioactive decay, isotope fractionation, mass balance and mixing. Application of Rb-Sr, Sm-Nd, U-Th-Pb, Lu-Hf, Re-Os and K-Ar isotope systems for geochronology and as tracers for geological processes. Noble gas geochemistry. Extinct nuclides. Cosmogenic nuclides. U-Th-series nuclides. Planetary isotopic evolution. Stable isotope geochemistry. Application of H, C, N, O, and S isotopes as tracers of geochemical and biogeochemical processes.

Course Notes: **Course includes a weekly two-hour lab to be arranged. Given in alternate years.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Earth & Planetary Sciences 245

Petrological Approaches to Understanding the Earth's System (125469)

Charles Langmuir

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The course studies the igneous processes at spreading centers, convergent margins and hot spots, and explores their influences on mantle, crust, ocean and atmosphere and the constraints they provide for the plate tectonic geochemical cycle.

Course Notes: **Includes a weekly three-hour lab to be arranged. Given in alternate years.**

Recommended Prep: **EPS 145 or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Earth & Planetary Sciences 247

Ocean Ridges and the Earth System (110509)

Charles Langmuir

2019 Fall (4 Credits) **Schedule:** TR 0430 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course will present our current knowledge of the ocean ridge system where two thirds of Earth's crust is continually being created. We will examine the progressive understanding of ocean ridges from a historical perspective, emphasizing the process of scientific discovery. Topics include melt generation in the mantle, magmatic processes in the crust, formation of ocean ridge topography, faulting and tectonics, hydrothermal systems, manifestations in the overlying water column, and the unique ecosystems associated with vents. Approaches must be inherently interdisciplinary, including geochemistry, geophysics, geology, hydrothermal systems, and biology. The place of the ocean ridge system within the overall Earth system will be emphasized.

Course Notes: **This course includes a weekly two-hour lab to be arranged.**

Recommended Prep: **One of: EPS 10, EPS 21, EPS 22, EPS 50, or SPU 14; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Earth & Planetary Sciences 248

Topics in Mineral Physics and Chemistry: Magma Oceanology (207625)

Rebecca Fischer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

This seminar course will generally focus on recent advances in understanding the physical and chemical properties of minerals and melts at extreme pressures and temperatures, with implications for the properties, composition, formation, and evolution of Earth and planetary cores and mantles. Students will read and present journal articles on relevant topics, and will rotate responsibility for leading discussions. Specific topics will vary each year offered.

Class Notes: **In spring 2020, this course will focus on the topic of magma oceans during planet formation. We will discuss the origins, atmospheric interactions, and geodynamics of magma oceans; processes occurring within them, such as core formation and crystallization; and effects of magma oceans on the resulting planetary mantle. While the focus will be on the Earth, we will also discuss magma oceans on the Moon and other terrestrial planets.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Earth & Planetary Sciences 258

Giant Planets (212941)

Jeremy Bloxham

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The giant planets account for over 99% of the mass of our Solar System, excluding the Sun. First, we consider what we can learn about these planets from Earth-based observations, such as their orbits, mean radius and shape. How do such observations constrain their density, and hence composition and formation? Additionally, Earth-based observations reveal atmospheric zonal flows and the presence of magnetic fields, which provide additional insight. Second, we consider the role of observations from spacecraft, which provide spatial detail of the planets' gravitational and magnetic fields. Finally, we consider what additional observations are needed to more completely understand these

planets.

Recommended Prep: **A course in mechanics, plus differential equations and electromagnetism at the 100-level.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Earth & Planetary Sciences 262

Theoretical Seismology (107767)

Miaki Ishii

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course covers theoretical basis for global body-wave seismology. The topics covered include continuum mechanics, governing equations and boundary conditions for seismic waves, seismic source representation, and ray theory as well as Born scattering.

Course Notes: **Given in alternate years or upon announcement.**

Recommended Prep: **EPS166, AM201, AM202, and classical mechanics (i.e., Hamiltonian and Lagrangian)**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Earth & Planetary Sciences 263

Reading in Global Seismology (205460)

Miaki Ishii

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

This seminar will meet to read materials (including textbooks and journal articles) that are relevant to global seismology but may not be covered in a typical seismology class.

Recommended Prep: **Applied Mathematics 201 or equivalent, continuum mechanics, spherical harmonics.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Earth & Planetary Sciences 268

Machine Learning across the Earth and Planetary Sciences (203361)

Marine Denolle

Bradley Lipovsky

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This graduate research seminar combines machine learning with applications in the Earth and Planetary Sciences. The class will consist of literature review augmented with significant data curation and coding. Students will decide on topics and machine learning tools may include supervised learning (e.g., for seismic tomography, detection of earthquakes, impact craters, exoplanets), physics-driven discovery (e.g., estimating simple ODE's to represent wave propagation, ENSO cycles, the earthquake cycle), time series analysis (e.g., on glacier length time series and/or climate reanalysis information), acceleration of multiphysics numerical modeling and for emulation of sub-grid scale processes (e.g., for small-scale earthquake processes, cloud parameterization, or ice sheet hydrology).

Learning outcomes are: 1) knowledge of the successes and challenges in using machine learning (ML) for specific problems in the Earth and Planetary Sciences, 2) knowledge in the ML tools in supervised and unsupervised learning, 3) knowledge gained through hands-on experience in a coding project, and 4) familiarity with ethical standards and debates surrounding reproducibility, transparency, open source code development, open data availability, and open access publishing.

The seminar will build toward a group or individual project given at the end of the term. Students are expected to read and present papers and work at least 2-3 hours per week outside of their class on their projects. Computing will be performed on FAS Research Computing, a personal desktop, or other cloud computing options that could become available. Class time will be dedicated to presentations and coding activities.

Course Notes: **Given in alternate years.**

Recommended Prep: **Knowledge in a high level programming language with easy access to a machine learning toolkit (e.g., Matlab, Python, and/or Julia). Students are expected to bring their laptop with Python and/or MATLAB and/or Julia on the first day of class. The instructors will help students meet this requirement if contacted beforehand.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Earth & Planetary Sciences 274

Field Geology (107945)

Miaki Ishii

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Attend an advanced domestic or overseas geological field program of 3-6 weeks duration to learn methods of obtaining, synthesizing, and interpreting field observations.

Course Notes: **Field programs are selected individually by students with the advice and approval of the instructor. An upper level field course at another university can be substituted with approval of the instructor. Students must notify the instructor and Academic Administrator of intention to enroll by the course registration deadline of the preceding term.**

Recommended Prep: **Permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Earth & Planetary Sciences 274

Field Geology (107945)

Roger Fu

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Attend an advanced domestic or overseas geological field program of 3-6 weeks duration to learn methods of obtaining, synthesizing, and interpreting field observations.

Course Notes: **Field programs are selected individually by students with the advice and approval of the instructor. An upper level field course at another university can be substituted with approval of the instructor. Students must notify the instructor and Academic Administrator of intention to enroll by the course registration deadline of the preceding term.**

Class Notes: **For Spring 2020: Classes will meet for 1 hour. There will be additional meetings in the Harvard Paleomagnetics Lab, to be arranged.**

Recommended Prep: **Permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Earth & Planetary Sciences 287

Biogeochemistry (119062)

Ann Pearson

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to biological and organic chemistry of the Earth's environment. Primary focus on formation, processing, and preservation of organic carbon, with emphasis on paleoenvironmental applications and on processes occurring at the molecular level.

Course Notes: **Given in alternate years.**

Recommended Prep: **A course in college-level chemistry or equivalent. Chemistry 17 or 27 strongly recommended. EPS 186 strongly recommended.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science

Earth & Planetary Sciences 299

Communication Skills of Academia (215120)

Ann Pearson

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

This course will provide formal mentorship in a variety of skills essential for an academic career in geosciences. Students will be guided through modules that provide practical tools to improve strategies for reading, paper writing, proposal writing, teaching, giving research seminars, informal networking, and peer review. Peer-to-peer feedback and group exercises will be used in addition to typical formats such as written assignments and oral presentations. The units are designed to complement the curriculum of graduate students as they prepare for the qualifying exam.

Course Notes: **This course is an elective and will not count toward the breadth or subject requirements. Students must obtain permission of the advisor before enrolling.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Earth & Planetary Sciences 301

Teaching-Related Work (211358)

2020 Spring (2 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Enrollment is open to any EPS Ph.D. student who holds a Teaching Fellow (TF) appointment and is engaged in teaching a course.

Course Notes: **Teaching Fellows may enroll in 4 units of E-PSCI 301 for a .25 FTE TF appointment, or up to 8 units for a .5 FTE TF appointment. TFs should**

not enroll in the course in which they are teaching.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Earth & Planetary Sciences 301

Teaching-Related Work (211358)

2019 Fall (2 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Enrollment is open to any EPS Ph.D. student who holds a Teaching Fellow (TF) appointment and is engaged in teaching a course.

Course Notes: **Teaching Fellows may enroll in 4 units of E-PSCI 301 for a .25 FTE TF appointment, or up to 8 units for a .5 FTE TF appointment. TFs should not enroll in the course in which they are teaching.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Earth & Planetary Sciences 330

Climate Atmospheric Chemistry and Free Radical Kinetics (135034)

James Anderson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Earth & Planetary Sciences 330

Climate Atmospheric Chemistry and Free Radical Kinetics (135034)

James Anderson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Earth & Planetary Sciences 331

Atmospheric Chemistry (136675)

Daniel Jacob

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Earth & Planetary Sciences 331

Atmospheric Chemistry (136675)

Daniel Jacob

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Earth & Planetary Sciences 332

Readings in Dynamic Meteorology (111964)

Brian Farrell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Earth & Planetary Sciences 332

Readings in Dynamic Meteorology (111964)

Brian Farrell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Earth & Planetary Sciences 333

Environmental Chemistry (124550)

Scot Martin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Earth & Planetary Sciences 333

Environmental Chemistry (124550)

Scot Martin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Earth & Planetary Sciences 334

Atmospheric Physics and Chemistry (114316)

Michael McElroy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Earth & Planetary Sciences 334

Atmospheric Physics and Chemistry (114316)

Michael McElroy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

All: Cross Reg Availability	Not Available for Cross Registration

Earth & Planetary Sciences 335

Climate Dynamics and Physical Oceanography (112465)

Eli Tziperman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Earth & Planetary Sciences 335

Climate Dynamics and Physical Oceanography (112465)

Eli Tziperman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Earth & Planetary Sciences 337

Biological Oceanography (116614)

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course

FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Earth & Planetary Sciences 338

Atmospheric Chemistry (121682)

Steven Wofsy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Earth & Planetary Sciences 338

Atmospheric Chemistry (121682)

Steven Wofsy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Earth & Planetary Sciences 339

Biogeochemistry (117893)

Ann Pearson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Earth & Planetary Sciences 339

Biogeochemistry (117893)

Ann Pearson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Earth & Planetary Sciences 341

Isotope Geochemistry (120356)

Stein Jacobsen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Earth & Planetary Sciences 341

Isotope Geochemistry (120356)

Stein Jacobsen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Earth & Planetary Sciences 342

Topics in Atmospheric and Climate Dynamics (121156)

Zhiming Kuang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Earth & Planetary Sciences 342

Topics in Atmospheric and Climate Dynamics (121156)

Zhiming Kuang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Earth & Planetary Sciences 343

Topics in Quantitative Analysis of the Climate Record (123215)

Peter Huybers

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Earth & Planetary Sciences 343

Topics in Quantitative Analysis of the Climate Record (123215)

Peter Huybers

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Earth & Planetary Sciences 344

Topics in Stable Isotope Geochemistry and Geochemical Oceanography (118106)

Daniel Schrag

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Earth & Planetary Sciences 344

Topics in Stable Isotope Geochemistry and Geochemical Oceanography (118106)

Daniel Schrag

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Earth & Planetary Sciences 345

Solid Earth Geochemistry (118677)

Charles Langmuir

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Earth & Planetary Sciences 345

Solid Earth Geochemistry (118677)

Charles Langmuir

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Earth & Planetary Sciences 349

Hydrometeorology and Hydroclimatology (213401)

Kaighin McColl

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Earth & Planetary Sciences 349

Hydrometeorology and Hydroclimatology (213401)

Kaighin McColl

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Earth & Planetary Sciences 350

Planetary Atmospheres and Climate (203360)

Robin Wordsworth

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Earth & Planetary Sciences 350

Planetary Atmospheres and Climate (203360)

Robin Wordsworth

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Earth & Planetary Sciences 351

Climate Physics (214508)

Marianna Linz

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Earth & Planetary Sciences 360

Topics in Earth and Planetary Formation and Interiors (205595)

Rebecca Fischer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Earth & Planetary Sciences 360

Topics in Earth and Planetary Formation and Interiors (205595)

Rebecca Fischer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Earth & Planetary Sciences 361

Topics in Paleomagnetism (205687)

Roger Fu

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Earth & Planetary Sciences 361

Topics in Paleomagnetism (205687)

Roger Fu

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

FAS Divisional Distribution	None

Earth & Planetary Sciences 362

Planetary Physics: Research Seminar (111039)

Jeremy Bloxham

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Earth & Planetary Sciences 362

Planetary Physics: Research Seminar (111039)

Jeremy Bloxham

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Earth & Planetary Sciences 363

Mechanics of Earth and Environmental Processes (124143)

James Rice

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

FAS Divisional Distribution	None

Earth & Planetary Sciences 363

Mechanics of Earth and Environmental Processes (124143)

James Rice

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Earth & Planetary Sciences 366

Earthquake Seismology (203359)

Marine Denolle

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Earth & Planetary Sciences 366

Earthquake Seismology (203359)

Marine Denolle

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Earth & Planetary Sciences 367

Global Geodynamics (113927)

Jerry Mitrovica

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Earth & Planetary Sciences 367

Global Geodynamics (113927)

Jerry Mitrovica

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Earth & Planetary Sciences 368

Seismology (114453)

Miaki Ishii

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Earth & Planetary Sciences 368

Seismology (114453)

Miaki Ishii

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Earth & Planetary Sciences 369

Topics in Active Tectonics (121457)

Brendan Meade

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Earth & Planetary Sciences 369

Topics in Active Tectonics (121457)

Brendan Meade

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

FAS Divisional Distribution	None

Earth & Planetary Sciences 370

Structural Analysis (125317)

John Shaw

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Earth & Planetary Sciences 370

Structural Analysis (125317)

John Shaw

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Earth & Planetary Sciences 381

Topics in Stable Isotope Geobiology and Earth History (126101)

David Johnston

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Earth & Planetary Sciences 381

Topics in Stable Isotope Geobiology and Earth History (126101)

David Johnston

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Earth & Planetary Sciences 387

Paleobotany (120155)

Andrew Knoll

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Earth & Planetary Sciences 387

Paleobotany (120155)

Andrew Knoll

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Requirements: **Graduate Level Courses (300 and 3000) for E-SPCI Ph.D candidates only.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

East Asian Languages and Civilizations

Subject: Japanese

Japanese BA

Elementary Japanese (111193)

Yuko Kageyama-Hunt

2019 Fall (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course aims to develop a basic foundation in modern Japanese leading to proficiency in the four language skills of speaking, listening, reading and writing. Emphasis is placed on the use of these skills to communicate effectively in authentic contexts of daily life. Mastery of hiragana, katakana, and approximately 86 Kanji (Chinese characters).

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Japanese

Japanese BA Section: 002

Elementary Japanese (111193)

Yuko Kageyama-Hunt

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course aims to develop a basic foundation in modern Japanese leading to proficiency in the four language skills of speaking, listening, reading and writing. Emphasis is placed on the use of these skills to communicate effectively in authentic contexts of daily life. Mastery of hiragana, katakana, and approximately 86 Kanji (Chinese characters).

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Japanese
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Japanese BA Section: 003

Elementary Japanese (111193)

Yuko Kageyama-Hunt

2019 Fall (4 Credits) **Schedule:** MWF 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course aims to develop a basic foundation in modern Japanese leading to proficiency in the four language skills of speaking, listening, reading and writing. Emphasis is placed on the use of these skills to communicate effectively in authentic contexts of daily life. Mastery of hiragana, katakana, and approximately 86 Kanji (Chinese characters).

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Japanese
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students

Japanese BB

Elementary Japanese (124258)

Yuko Kageyama-Hunt

2020 Spring (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Japanese Ba, with an approximately 123 additional Kanji. This course aims to develop a basic foundation in modern Japanese leading to proficiency in the four language skills of speaking, listening, reading and writing. Emphasis is placed on the use of these skills to communicate effectively in authentic contexts of daily life.

Recommended Prep: **Japanese Ba or equivalent.**

Requirements: **Prerequisite: Japanese BA or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Japanese
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Japanese BB Section: 002

Elementary Japanese (124258)

Yuko Kageyama-Hunt

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Japanese Ba, with an approximately 123 additional Kanji. This course aims to develop a basic foundation in modern Japanese leading to proficiency in the four language skills of speaking, listening, reading and writing. Emphasis is placed on the use of these skills to communicate effectively in authentic contexts of daily life.

Recommended Prep: **Japanese Ba or equivalent.**

Requirements: **Prerequisite: Japanese BA or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Japanese
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Japanese BB Section: 003

Elementary Japanese (124258)

Yuko Kageyama-Hunt

2020 Spring (4 Credits) **Schedule:** MWF 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Japanese Ba, with an approximately 123 additional Kanji. This course aims to develop a basic foundation in modern Japanese leading to proficiency in the four language skills of speaking, listening, reading and writing. Emphasis is placed on the use of these skills to communicate effectively in authentic contexts of daily life.

Recommended Prep: **Japanese Ba or equivalent.**

Requirements: **Prerequisite: Japanese BA or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Japanese
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam

Japanese 106A

Classical Japanese (110782)

Edwin Cranston

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to classical grammar and texts.

Recommended Prep: **Japanese 130b.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Japanese
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

Japanese 106C Section: 01

Later Classical Japanese (121032)

Edwin Cranston

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Post-Heian writings in Classical Japanese.

Class Notes: **J 106C will be held in room 232 at 2 Divinity Ave. (Professor Cranston's office).**

Recommended Prep: **Japanese 106a or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Japanese
FAS Course Roll	FAS Course Roll

Japanese 120A

Intermediate Japanese I (159595)

Naomi Asakura

2019 Fall (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Second-year intermediate level course aimed at consolidation of the basic grammatical patterns of Japanese and development of reading, writing, speaking, and listening skills to the level necessary for communication in everyday life in Japanese society. Introduction of approximately 150 Chinese characters beyond those introduced in Bb.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll

FAS: Meets Foreign Lang Req	Japanese
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	None

Japanese 120A Section: 002

Intermediate Japanese I (159595)

Naomi Asakura

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Second-year intermediate level course aimed at consolidation of the basic grammatical patterns of Japanese and development of reading, writing, speaking, and listening skills to the level necessary for communication in everyday life in Japanese society. Introduction of approximately 150 Chinese characters beyond those introduced in Bb.

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Japanese
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	None

Japanese 120A Section: 003

Intermediate Japanese I (159595)

Naomi Asakura

2019 Fall (4 Credits) **Schedule:** MWF 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Second-year intermediate level course aimed at consolidation of the basic grammatical patterns of Japanese and development of reading, writing, speaking, and listening skills to the level necessary for communication in everyday life in Japanese society. Introduction of approximately 150 Chinese characters beyond those introduced in Bb.

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Japanese
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Japanese 120B

Intermediate Japanese I (159596)

Naomi Asakura

2020 Spring (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Japanese 120a. Approximately 150 additional Chinese characters. Second-year intermediate level course aimed at consolidation of the basic grammatical patterns of Japanese and development of reading, writing, speaking, and listening skills to the level necessary for communication in everyday life in Japanese society.

Recommended Prep: **Japanese 120a or equivalent.**

Requirements: **Prerequisite: Japanese 120A or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
HCOL: Foreign Lang Citation	Japanese
FAS: Meets Foreign Lang Req	Japanese
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Japanese 120B Section: 002

Intermediate Japanese I (159596)

Naomi Asakura

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Japanese 120a. Approximately 150 additional Chinese characters. Second-year intermediate level course aimed at consolidation of the basic grammatical patterns of Japanese and development of reading, writing, speaking, and listening skills to the level necessary for communication in everyday life in Japanese society.

Recommended Prep: **Japanese 120a or equivalent.**

Requirements: **Prerequisite: Japanese 120A or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Japanese
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Japanese
FAS: Final Assessment Category	Three-hour Exam

Japanese 120B Section: 003

Intermediate Japanese I (159596)

Naomi Asakura

2020 Spring (4 Credits) **Schedule:** MWF 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Japanese 120a. Approximately 150 additional Chinese characters. Second-year intermediate level course aimed at consolidation of the basic grammatical patterns of Japanese and development of reading, writing, speaking, and listening skills to the level necessary for communication in everyday life in Japanese society.

Recommended Prep: **Japanese 120a or equivalent.**

Requirements: **Prerequisite: Japanese 120A or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Japanese
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Japanese
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Japanese 130A

Intermediate Japanese II (114292)

Tomoko Graham

2019 Fall (4 Credits) **Schedule:** MTRF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Third-year intermediate advanced course. Development of skills in reading authentic materials from contemporary Japanese media and fiction and in aural comprehension of contemporary television news and drama with decreased reliance on pedagogical aids. Development of speaking and writing skills to an increasingly sophisticated level. Introduction of approximately 200 additional Chinese characters beyond those introduced in 120b.

Recommended Prep: **Japanese 120b or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Japanese
HCOL: Foreign Lang Citation	Japanese

Japanese 130A Section: 002

Intermediate Japanese II (114292)

Tomoko Graham

2019 Fall (4 Credits) **Schedule:** MTRF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Third-year intermediate advanced course. Development of skills in reading authentic materials from contemporary Japanese media and fiction and in aural comprehension of contemporary television news and drama with decreased reliance on pedagogical aids. Development of speaking and writing skills to an increasingly sophisticated level. Introduction of approximately 200 additional Chinese characters beyond those introduced in 120b.

Recommended Prep: **Japanese 120b or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Japanese
FAS: Meets Foreign Lang Req	Japanese
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students

Japanese 130B

Intermediate Japanese II (119964)

Tomoko Graham

2020 Spring (4 Credits) **Schedule:** MTRF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Japanese 130a. Approximately 200 additional Chinese characters. Third-year intermediate advanced course. Development of skills in reading authentic materials from contemporary Japanese media and fiction and in aural comprehension of contemporary television news and drama with decreased reliance on pedagogical aids. Development of speaking and writing skills to an increasingly sophisticated level.

Recommended Prep: **Japanese 130a or equivalent.**

Requirements: **Prerequisite: Japanese 130A or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
HCOL: Foreign Lang Citation	Japanese
FAS: Meets Foreign Lang Req	Japanese
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Japanese 130B Section: 002

Intermediate Japanese II (119964)

Tomoko Graham

2020 Spring (4 Credits) **Schedule:** MTRF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Japanese 130a. Approximately 200 additional Chinese characters. Third-year intermediate advanced course. Development of skills in reading authentic materials from contemporary Japanese media and fiction and in aural comprehension of contemporary television news and drama with decreased reliance on pedagogical aids. Development of speaking and writing skills to an increasingly sophisticated level.

Recommended Prep: **Japanese 130a or equivalent.**

Requirements: **Prerequisite: Japanese 130A or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Japanese
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam
HCOL: Foreign Lang Citation	Japanese

Japanese 140A

Advanced Modern Japanese (113348)

Ikue Shingu

2019 Fall (4 Credits) **Schedule:** MWR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Readings of modern texts in both rapid and in-depth modes. Comprehension of media news and drama. Advanced conversation and composition on topics related to the preceding.

Recommended Prep: **Japanese 130b.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Japanese
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Japanese
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

Japanese 140A Section: 002

Advanced Modern Japanese (113348)

Ikue Shingu

2019 Fall (4 Credits) **Schedule:** MWR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Readings of modern texts in both rapid and in-depth modes. Comprehension of media news and drama. Advanced conversation and composition on topics related to the preceding.

Recommended Prep: **Japanese 130b.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Japanese
FAS: Meets Foreign Lang Req	Japanese
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students

Japanese 140B

Advanced Modern Japanese (123963)

Ikue Shingu

2020 Spring (4 Credits) **Schedule:** MWR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Japanese 140a. Readings of modern texts in both rapid and in-depth modes. Comprehension of media news and drama. Advanced conversation and composition on topics related to the preceding.

Recommended Prep: **Japanese 140a or equivalent.**

Requirements: **Prerequisite: Japanese 140A or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Meets Foreign Lang Req	Japanese
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Japanese
FAS Course Roll	FAS Course Roll

Japanese 140B Section: 002

Advanced Modern Japanese (123963)

Ikue Shingu

2020 Spring (4 Credits) **Schedule:** MWR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Japanese 140a. Readings of modern texts in both rapid and in-depth modes. Comprehension of media news and drama. Advanced conversation and composition on topics related to the preceding.

Recommended Prep: **Japanese 140a or equivalent.**

Requirements: **Prerequisite: Japanese 140A or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Japanese
FAS: Meets Foreign Lang Req	Japanese
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

Japanese 150A

Readings and Discussion in Japanese Social Sciences (114117)

Ikue Shingu

2019 Fall (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Selected readings and discussion in Japanese primarily on contemporary topics in economics, sociology, political science, psychology, and cultural studies, with occasional readings from literature. Readings are supplemented by selections from audiovisual media on current social issues.

Course Notes: **Conducted in Japanese.**

Recommended Prep: **Japanese 140b.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Japanese
FAS Course Roll	FAS Course Roll
HCOL: Foreign Lang Citation	Japanese
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Japanese 150B

Readings and Discussion in Japanese Social Sciences (127974)

Ikue Shingu

2020 Spring (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Japanese 150a. Selected readings and discussion in Japanese primarily on contemporary topics in economics, sociology, political science, psychology, and cultural studies, with occasional

readings from literature. Readings are supplemented by selections from audiovisual media on current social issues.

Recommended Prep: **Japanese 150a.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Japanese
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Japanese

Japanese 300

Reading and Research (114061)

Ryuichi Abe

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Japanese 300

Reading and Research (114061)

Ryuichi Abe

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
No FAINFO	300 or 3000 level class, do not generate FAINFO
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Japanese 300 Section: 002

Reading and Research (114061)

Edwin Cranston

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Japanese 300 Section: 002

Reading and Research (114061)

Edwin Cranston

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Japanese 300 Section: 003

Reading and Research (114061)

Shigehisa Kuriyama

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Japanese 300 Section: 003

Reading and Research (114061)

Shigehisa Kuriyama

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Japanese 300 Section: 004

Reading and Research (114061)

Melissa M. McCormick

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Japanese 300 Section: 004

Reading and Research (114061)

Melissa M. McCormick

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Japanese 300 Section: 005

Reading and Research (114061)

Tomiko Yoda

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Japanese 300 Section: 005

Reading and Research (114061)

Tomiko Yoda

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Japanese 300 Section: 006

Reading and Research (114061)

David Howell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Japanese 300 Section: 006

Reading and Research (114061)

Wesley Jacobsen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Japanese 300 Section: 007

Reading and Research (114061)

David Howell

2020 Spring (4 Credits) **Schedule:** F 0200 PM - 0400 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Japanese 300 Section: 007

Reading and Research (114061)

Helen Hardacre

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Japanese 300 Section: 008

Reading and Research (114061)

Helen Hardacre

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Subject: Chinese

Chinese BA

Elementary Modern Chinese (113873)

Xiaoshi Yu

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Non-intensive introduction to modern Chinese pronunciation, grammar, conversation, reading, and writing.

Course Notes: **No auditors. May not be taken Pass/Fail.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Chinese
FAS: Course Level	Primarily for Undergraduate Students
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll

Chinese BA Section: 002

Elementary Modern Chinese (113873)

Xiaoshi Yu

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Non-intensive introduction to modern Chinese pronunciation, grammar, conversation, reading, and writing.

Course Notes: **No auditors. May not be taken Pass/Fail.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Chinese
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Chinese BA Section: 003

Elementary Modern Chinese (113873)

Xiaoshi Yu

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Non-intensive introduction to modern Chinese pronunciation, grammar, conversation, reading, and writing.

Course Notes: **No auditors. May not be taken Pass/Fail.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Chinese
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll

Chinese BA Section: 004

Elementary Modern Chinese (113873)

Xiaoshi Yu

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Non-intensive introduction to modern Chinese pronunciation, grammar, conversation, reading, and writing.

Course Notes: **No auditors. May not be taken Pass/Fail.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Chinese
FAS: Course Level	Primarily for Undergraduate Students
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Chinese BA Section: 005

Elementary Modern Chinese (113873)

Xiaoshi Yu

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Non-intensive introduction to modern Chinese pronunciation, grammar, conversation, reading, and writing.

Course Notes: **No auditors. May not be taken Pass/Fail.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Chinese
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Chinese BA Section: 006

Elementary Modern Chinese (113873)

Xiaoshi Yu

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Non-intensive introduction to modern Chinese pronunciation, grammar, conversation, reading, and writing.

Course Notes: **No auditors. May not be taken Pass/Fail.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Chinese
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Chinese BB

Elementary Modern Chinese (124237)

Xiaoshi Yu

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This is a continuation (second semester) of the Elementary Modern Chinese. It is designed for students who have completed the first semester of Elementary Modern Chinese I (Chinese Ba) or the equivalent. The course will further develop students'communicative skills in the listening and speaking modalities, and at the same time shift the focus of instruction gradually towards reading and writing. It provides more practice on syntactic structures, usage and their communicative functions, and prepares students for intermediate-level classes.

Course Notes: **No auditors. May not be taken Pass/Fail.**

Requirements: **Prerequisite: Chinese BA or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Chinese

FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Chinese BB Section: 002

Elementary Modern Chinese (124237)

Xiaoshi Yu

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This is a continuation (second semester) of the Elementary Modern Chinese. It is designed for students who have completed the first semester of Elementary Modern Chinese I (Chinese Ba) or the equivalent. The course will further develop students'communicative skills in the listening and speaking modalities, and at the same time shift the focus of instruction gradually towards reading and writing. It provides more practice on syntactic structures, usage and their communicative functions, and prepares students for intermediate-level classes.

Course Notes: **No auditors. May not be taken Pass/Fail.**

Requirements: **Prerequisite: Chinese BA or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Chinese
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	None

Chinese BB Section: 003

Elementary Modern Chinese (124237)

Xiaoshi Yu

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This is a continuation (second semester) of the Elementary Modern Chinese. It is designed for students who have completed the first semester of Elementary Modern Chinese I (Chinese Ba) or the equivalent. The course will further develop students'communicative skills in the listening and speaking modalities, and at the same time shift the focus of instruction gradually towards reading and writing. It provides more practice on syntactic structures, usage and their communicative functions, and prepares students for intermediate-level classes.

Course Notes: **No auditors. May not be taken Pass/Fail.**

Requirements: **Prerequisite: Chinese BA or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	None
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Chinese
FAS Course Roll	FAS Course Roll

Chinese BB Section: 004

Elementary Modern Chinese (124237)

Xiaoshi Yu

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This is a continuation (second semester) of the Elementary Modern Chinese. It is designed for students who have completed the first semester of Elementary Modern Chinese I (Chinese Ba) or the equivalent. The course will further develop students'communicative skills in the listening and speaking modalities, and at the same time shift the focus of instruction gradually towards reading and writing. It provides more practice on syntactic structures, usage and their communicative functions, and prepares students for intermediate-level classes.

Course Notes: **No auditors. May not be taken Pass/Fail.**

Requirements: **Prerequisite: Chinese BA or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Chinese
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll

Chinese BB Section: 005

Elementary Modern Chinese (124237)

Xiaoshi Yu

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This is a continuation (second semester) of the Elementary Modern Chinese. It is designed for students who have completed the first semester of Elementary Modern Chinese I (Chinese Ba) or the equivalent. The course will further develop students'communicative skills in the listening and speaking modalities, and at the same time shift the focus of instruction gradually towards reading and writing. It provides more practice on syntactic structures, usage and their communicative functions, and prepares students for intermediate-level classes.

Course Notes: **No auditors. May not be taken Pass/Fail.**

Requirements: **Prerequisite: Chinese BA or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Chinese
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	None

Chinese BB Section: 006

Elementary Modern Chinese (124237)

Xiaoshi Yu

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This is a continuation (second semester) of the Elementary Modern Chinese. It is designed for students who have completed the first semester of Elementary Modern Chinese I (Chinese Ba) or the equivalent. The course will further develop students'communicative skills in the listening and speaking modalities, and at the same time shift the focus of instruction gradually towards reading and writing. It provides more practice on syntactic structures, usage and their communicative functions, and prepares students for intermediate-level classes.

Course Notes: **No auditors. May not be taken Pass/Fail.**

Requirements: **Prerequisite: Chinese BA or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Final Assessment Category	Three-hour Exam
FAS: Meets Foreign Lang Req	Chinese
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Chinese BX

Elementary Chinese for Advanced Beginners (120305)

Jie Ying

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For students with significant listening and speaking background. Introductory Modern Chinese language course, with emphasis on reading and writing. Covers in one term the equivalent of Chinese Ba and Bb.

Course Notes: **No auditors. May not be taken Pass/Fail. Students must pass a test in listening and speaking to take the course.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Meets Foreign Lang Req	Chinese

Chinese BX Section: 002

Elementary Chinese for Advanced Beginners (120305)

Jie Ying

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For students with significant listening and speaking background. Introductory Modern Chinese language course, with emphasis on reading and writing. Covers in one term the equivalent of Chinese Ba and Bb.

Course Notes: **No auditors. May not be taken Pass/Fail. Students must pass a test in listening and speaking to take the course.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS: Final Assessment Category	Three-hour Exam
FAS: Meets Foreign Lang Req	Chinese
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Chinese BX Section: 003

Elementary Chinese for Advanced Beginners (120305)

Jie Ying

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For students with significant listening and speaking background. Introductory Modern Chinese language course, with emphasis on reading and writing. Covers in one term the equivalent of Chinese Ba and Bb.

Course Notes: **No auditors. May not be taken Pass/Fail. Students must pass a test in listening and speaking to take the course.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Chinese

FAS: Final Assessment Category	Three-hour Exam

Chinese 106A

Introduction to Literary Chinese (110543)

David Sena

2019 Fall (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Basic grammar and the reading of simple historical narrative.

Course Notes: **An additional lecture slot may be added if enough students enroll, with times to be arranged.**

Recommended Prep: **At least one year of modern Chinese, or familiarity with Chinese characters through knowledge of Japanese or Korean.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Meets Foreign Lang Req	Chinese
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
HCOL: Foreign Lang Citation	Literary Chinese

Chinese 106B

Introduction to Literary Chinese (113249)

David Sena

2020 Spring (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to pre-Qin philosophical texts.

Course Notes: **An additional lecture slot may be added if enough students enroll, with times to be arranged.**

Recommended Prep: **Chinese 106a or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Chinese
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
HCOL: Foreign Lang Citation	Literary Chinese

Chinese 107A

Intermediate Literary Chinese (112899)

David Sena

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

A second-year course designed to prepare students for reading and research using materials written in Literary Chinese. The focus in the fall semester will be prose from the Tang and Song dynasties.

Recommended Prep: **One year of literary Chinese (Chinese 106 or equivalent).**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	Literary Chinese
FAS: Meets Foreign Lang Req	Chinese

Chinese 107B

Intermediate Literary Chinese (120045)

David Sena

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

A continuation of Chinese 107a, introducing more prose styles as well as poetry and lyric.

Recommended Prep: **Chinese 107a or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Literary Chinese
FAS: Meets Foreign Lang Req	Chinese
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	None

Chinese 120A

Intermediate Modern Chinese (113793)

Bin Yang

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course focuses on the consolidation of the foundational skills acquired in Ba-Bb, introduces more complex grammatical structures, and develops students' understanding and knowledge of Chinese culture.

Course Notes: **No auditors. May not be taken Pass/Fail.**

Recommended Prep: **Chinese Bb or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Chinese
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	Chinese
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Chinese 120A Section: 002

Intermediate Modern Chinese (113793)

Bin Yang

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course focuses on the consolidation of the foundational skills acquired in Ba-Bb, introduces more complex grammatical structures, and develops students' understanding and knowledge of Chinese culture.

Course Notes: **No auditors. May not be taken Pass/Fail.**

Recommended Prep: **Chinese Bb or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	Chinese
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Chinese
FAS: Course Level	For Undergraduate and Graduate Students

Chinese 120A Section: 003

Intermediate Modern Chinese (113793)

Bin Yang

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course focuses on the consolidation of the foundational skills acquired in Ba-Bb, introduces more complex grammatical structures, and develops students' understanding and knowledge of Chinese culture.

Course Notes: **No auditors. May not be taken Pass/Fail.**

Recommended Prep: **Chinese Bb or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Chinese
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Chinese

Chinese 120B

Intermediate Modern Chinese (110940)

Bin Yang

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Chinese 120a. This course focuses on the consolidation of the foundational skills acquired in Ba-Bb, introduces more complex grammatical structures, and develops students' understanding and knowledge of Chinese culture.

Course Notes: **No auditors. May not be taken Pass/Fail.**

Recommended Prep: **Chinese 120a, or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Chinese
FAS: Meets Foreign Lang Req	Chinese
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Chinese 120B Section: 002

Intermediate Modern Chinese (110940)

Bin Yang

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Chinese 120a. This course focuses on the consolidation of the foundational skills acquired in Ba-Bb, introduces more complex grammatical structures, and develops students' understanding and knowledge of Chinese culture.

Course Notes: **No auditors. May not be taken Pass/Fail.**

Recommended Prep: **Chinese 120a, or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Chinese
FAS: Meets Foreign Lang Req	Chinese
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam

Chinese 120B Section: 003

Intermediate Modern Chinese (110940)

Bin Yang

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Chinese 120a. This course focuses on the consolidation of the foundational skills acquired in Ba-Bb, introduces more complex grammatical structures, and develops students' understanding and knowledge of Chinese culture.

Course Notes: **No auditors. May not be taken Pass/Fail.**

Recommended Prep: **Chinese 120a, or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Chinese
HCOL: Foreign Lang Citation	Chinese
FAS Course Roll	FAS Course Roll

Chinese 123XB

Intermediate Modern Chinese for Advanced Beginners (143892)

Jie Ying

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Chinese Bx. Covers in one term the equivalent of Chinese 120a and 120b.

Course Notes: **No auditors. May not be taken Pass/Fail.**

Recommended Prep: **Chinese Bx, or instructor's permission.**

Requirements: **Prerequisite: Chinese BX, or instructor's permission.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Chinese
HCOL: Foreign Lang Citation	Chinese
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam

Chinese 123XB Section: 002

Intermediate Modern Chinese for Advanced Beginners (143892)

Jie Ying

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Chinese Bx. Covers in one term the equivalent of Chinese 120a and 120b.

Course Notes: **No auditors. May not be taken Pass/Fail.**

Recommended Prep: **Chinese Bx, or instructor's permission.**

Requirements: **Prerequisite: Chinese BX, or instructor's permission.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
HCOL: Foreign Lang Citation	Chinese
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Chinese

Chinese 123XB Section: 003

Intermediate Modern Chinese for Advanced Beginners (143892)

Jie Ying

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Chinese Bx. Covers in one term the equivalent of Chinese 120a and 120b.

Course Notes: **No auditors. May not be taken Pass/Fail.**

Recommended Prep: **Chinese Bx, or instructor's permission.**

Requirements: **Prerequisite: Chinese BX, or instructor's permission.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
HCOL: Foreign Lang Citation	Chinese
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Chinese
All: Cross Reg Availability	Available for Harvard Cross Registration

Chinese 130A

Pre-Advanced Modern Chinese (159629)

Mo Zhang

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

The aim of this course is to further develop students' Chinese proficiency in both spoken and written language. By reading texts based on current issues and cultural phenomena and engaging in in-depth class discussions, students will continue to expand their vocabulary, master more complex grammatical structures, and develop an ability to perform tasks involving description, narration, and argumentation at the discourse level.

Recommended Prep: **Chinese 120b or equivalent**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Chinese
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Chinese
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Chinese 130A Section: 002

Pre-Advanced Modern Chinese (159629)

Mo Zhang

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

The aim of this course is to further develop students' Chinese proficiency in both spoken and written language. By reading texts based on current issues and cultural phenomena and engaging in in-depth class discussions, students will continue to expand their vocabulary, master more complex grammatical structures, and develop an ability to perform tasks involving description, narration, and argumentation at the discourse level.

Recommended Prep: **Chinese 120b or equivalent**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
HCOL: Foreign Lang Citation	Chinese
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS: Final Assessment Category	Three-hour Exam
FAS: Meets Foreign Lang Req	Chinese

Chinese 130A Section: 003

Pre-Advanced Modern Chinese (159629)

Mo Zhang

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The aim of this course is to further develop students' Chinese proficiency in both spoken and written language. By reading texts based on current issues and cultural phenomena and engaging in in-depth class discussions, students will continue to expand their vocabulary, master more complex grammatical structures, and develop an ability to perform tasks involving description, narration, and argumentation at the discourse level.

Recommended Prep: **Chinese 120b or equivalent**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Chinese
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Chinese

Chinese 130B

Pre-Advanced Modern Chinese (159631)

Mo Zhang

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Chinese 130a. The aim of this course is to further develop students' Chinese proficiency in both spoken and written language. By reading texts based on current issues and cultural phenomena and engaging in in-depth class discussions, students will continue to expand their vocabulary, master more complex grammatical structures, and develop an ability to perform tasks involving description, narration, and argumentation at the discourse level.

Recommended Prep: **Chinese 130a or equivalent.**

Requirements: **Prerequisite: Chinese 130A or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
HCOL: Foreign Lang Citation	Chinese
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Chinese
FAS Course Roll	FAS Course Roll

Chinese 130B Section: 002

Pre-Advanced Modern Chinese (159631)

Mo Zhang

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Chinese 130a. The aim of this course is to further develop students' Chinese proficiency in both spoken and written language. By reading texts based on current issues and cultural phenomena and engaging in in-depth class discussions, students will continue to expand their vocabulary, master more complex grammatical structures, and develop an ability to perform tasks involving description, narration, and argumentation at the discourse level.

Recommended Prep: **Chinese 130a or equivalent.**

Requirements: **Prerequisite: Chinese 130A or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
HCOL: Foreign Lang Citation	Chinese
FAS: Meets Foreign Lang Req	Chinese

Chinese 130B Section: 003

Pre-Advanced Modern Chinese (159631)

Mo Zhang

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Chinese 130a. The aim of this course is to further develop students' Chinese proficiency in both spoken and written language. By reading texts based on current issues and cultural phenomena and engaging in in-depth class discussions, students will continue to expand their vocabulary, master more complex grammatical structures, and develop an ability to perform tasks involving description, narration, and argumentation at the discourse level.

Recommended Prep: **Chinese 130a or equivalent.**

Requirements: **Prerequisite: Chinese 130A or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Chinese
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Chinese

Chinese 130XA

Pre-Advanced Modern Chinese for High-Proficiency Learners (124235)

Xueyin Shao

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Designed for students whose Chinese speaking and listening skills are near-native, but whose reading and writing skills are at a high-intermediate level. This course focuses on reading texts based on current issues and cultural phenomena, and then applying complex grammar structures acquired to students' own writing.

Course Notes: **No auditors. May not be taken Pass/Fail.**

Recommended Prep: **Chinese 123xb or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Chinese
HCOL: Foreign Lang Citation	Chinese
FAS: Final Assessment Category	Three-hour Exam

Chinese 130XA Section: 002

Pre-Advanced Modern Chinese for High-Proficiency Learners (124235)

Xueyin Shao

2019 Fall (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Designed for students whose Chinese speaking and listening skills are near-native, but whose reading and writing skills are at a high-intermediate level. This course focuses on reading texts based on current issues and cultural phenomena, and then applying complex grammar structures acquired to students' own writing.

Course Notes: **No auditors. May not be taken Pass/Fail.**

Recommended Prep: **Chinese 123xb or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Chinese
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
HCOL: Foreign Lang Citation	Chinese
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students

Chinese 130XB

Pre-Advanced Modern Chinese for High-Proficiency Learners (124238)

Xueyin Shao

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Designed for students whose Chinese speaking and listening skills are near-native, but whose reading and writing skills are at a high-intermediate level. This course focuses on reading texts based on current issues and cultural phenomena, and then applying complex grammar structures acquired to students' own writing. Covers the equivalent of Chinese 130b and other materials for reading and writing.

Course Notes: **No auditors. May not be taken Pass/Fail.**

Recommended Prep: **Chinese 130xa or equivalent.**

Requirements: **Prerequisite: Chinese 130XA or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Chinese
HCOL: Foreign Lang Citation	Chinese
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Chinese 130XB Section: 002

Pre-Advanced Modern Chinese for High-Proficiency Learners (124238)

Xueyin Shao

2020 Spring (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Designed for students whose Chinese speaking and listening skills are near-native, but whose reading and writing skills are at a high-intermediate level. This course focuses on reading texts based on current issues and cultural phenomena, and then applying complex grammar structures acquired to students' own writing. Covers the equivalent of Chinese 130b and other materials for reading and writing.

Course Notes: **No auditors. May not be taken Pass/Fail.**

Recommended Prep: **Chinese 130xa or equivalent.**

Requirements: **Prerequisite: Chinese 130XA or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Chinese
HCOL: Foreign Lang Citation	Chinese

Chinese 140A

Advanced Modern Chinese (111129)

Jing Cai

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course aims at further developing students' ability to use Chinese at a more advanced level. Students will engage in in-depth readings and discussions of various genres and writing styles, including argumentative essays, narratives, journalistic articles, and descriptive and literary writing. Emphasis is placed on reading and writing to specific audiences, and the use of complex structures and advanced vocabulary in formal speech and writing.

Course Notes: **Conducted in Chinese. No auditors. May not be taken Pass/Fail.**

Recommended Prep: **Chinese 130b or equivalent**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Chinese
HCOL: Foreign Lang Citation	Chinese
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Chinese 140A Section: 002

Advanced Modern Chinese (111129)

Jing Cai

2019 Fall (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course aims at further developing students' ability to use Chinese at a more advanced level. Students will engage in in-depth readings and discussions of various genres and writing styles, including argumentative essays, narratives, journalistic articles, and descriptive and literary writing. Emphasis is

placed on reading and writing to specific audiences, and the use of complex structures and advanced vocabulary in formal speech and writing.

Course Notes: **Conducted in Chinese. No auditors. May not be taken Pass/Fail.**

Recommended Prep: **Chinese 130b or equivalent**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Chinese
HCOL: Foreign Lang Citation	Chinese
FAS Course Roll	FAS Course Roll

Chinese 140B

Advanced Modern Chinese (119648)

Jing Cai

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Chinese 140a. This course aims at further developing students' ability to use Chinese at a more advanced level. Students will engage in in-depth readings and discussions of various genres and writing styles, including argumentative essays, narratives, journalistic articles, and descriptive and literary writing. Emphasis is placed on reading and writing to specific audiences, and the use of complex structures and advanced vocabulary in formal speech and writing.

Course Notes: **No auditors. May not be taken Pass/Fail.**

Recommended Prep: **Chinese 140a or equivalent.**

Requirements: **Prerequisite: Chinese 140A or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Chinese
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Chinese
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students

Chinese 140B Section: 002

Advanced Modern Chinese (119648)

Jing Cai

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM
F 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Chinese 140a. This course aims at further developing students' ability to use Chinese at a more advanced level. Students will engage in in-depth readings and discussions of various genres and writing styles, including argumentative essays, narratives, journalistic articles, and descriptive and literary writing. Emphasis is placed on reading and writing to specific audiences, and the use of complex structures and advanced vocabulary in formal speech and writing.

Course Notes: **No auditors. May not be taken Pass/Fail.**

Recommended Prep: **Chinese 140a or equivalent.**

Requirements: **Prerequisite: Chinese 140A or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Chinese
HCOL: Foreign Lang Citation	Chinese

Chinese 140XA

Advanced Modern Chinese for High-Proficiency Learners (207494)

Ya Ting Fan

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Chinese 130xb,130b. This course aims at further developing students' ability to use Chinese in advanced and complex contexts, and process and generate sentences with complex structures used mainly in formal speech and writing.

The objectives of this course include: 1) enabling students to gain a deeper understanding of Chinese cultural conventions and assumptions, and the ability to "read between the lines" and discern the subtle connotations often present in Chinese speech and writing, 2) giving students the skills and confidence to use Chinese in a number of important, practical settings, including job interviews and academic forums, 3) enabling students to express their opinions and feelings more accurately, appropriately and coherently, and to offer more detailed and vivid descriptions and narrations.

Course Notes: **No auditors. May not be taken Pass/Fail.**

Recommended Prep: **Chinese 130xb or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Chinese
FAS: Meets Foreign Lang Req	Chinese
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Chinese 140XA Section: 002

Advanced Modern Chinese for High-Proficiency Learners (207494)

Ya Ting Fan

2019 Fall (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Chinese 130xb,130b. This course aims at further developing students' ability to use Chinese in advanced and complex contexts, and process and generate sentences with complex structures used mainly in formal speech and writing.

The objectives of this course include: 1) enabling students to gain a deeper understanding of Chinese cultural conventions and assumptions, and the ability to "read between the lines" and discern the subtle connotations often present in Chinese speech and writing, 2) giving students the skills and confidence to use Chinese in a number of important, practical settings, including job interviews and academic forums, 3) enabling students to express their opinions and feelings more accurately, appropriately and coherently, and to offer more detailed and vivid descriptions and narrations.

Course Notes: **No auditors. May not be taken Pass/Fail.**

Recommended Prep: **Chinese 130xb or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Chinese
FAS: Meets Foreign Lang Req	Chinese
FAS Course Roll	FAS Course Roll

Chinese 140XB

Advanced Modern Chinese for High-Proficiency Learners (207495)

Jie Zhao

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM
F 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Chinese 140xa. This course aims at further developing students' ability to use Chinese in advanced and complex contexts, and process and generate sentences with complex structures used mainly in formal speech and writing.

The objectives of this course include: 1) enabling students to gain a deeper understanding of Chinese cultural conventions and assumptions, and the ability to "read between the lines" and discern the subtle connotations often present in Chinese speech and writing, 2) giving students the skills and confidence to use Chinese in a number of important, practical settings, including job interviews and academic forums, 3) enabling students to express their opinions and feelings more accurately, appropriately and coherently, and to offer more detailed and vivid descriptions and narrations.

Course Notes: **No auditors. May not be taken Pass/Fail.**

Recommended Prep: **Chinese 140xa or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Chinese
FAS: Meets Foreign Lang Req	Chinese
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Chinese 142A

Advanced Conversational Chinese (113492)

Jie Zhao

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course builds on the foundation that students have gained through prior Chinese coursework, with a focus on improving oral expression. Classes take the form of presentations, discussions, debates, and other activities designed to strengthen both extemporaneous and prepared speaking ability.

Course Notes: **No auditors. May not be taken Pass/Fail. No native speakers allowed. May not be used for citation.**

Recommended Prep: **Chinese 140a or equivalent**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Chinese
All: Cross Reg Availability	Available for Harvard Cross Registration

Chinese 142B

Advanced Conversational Chinese (110722)

Jie Zhao

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Continuation of 142a. This course builds on the foundation that students have gained through prior Chinese coursework, with a focus on improving oral expression. Classes take the form of presentations, discussions, debates, and other activities designed to strengthen both extemporaneous and prepared speaking ability.

Course Notes: **No auditors. May not be taken Pass/Fail. No native speakers allowed. May not be used for citation.**

Recommended Prep: **Chinese 140a, Chinese 142a, or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Chinese
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Chinese 142B Section: 002

Advanced Conversational Chinese (110722)

2020 Spring (4 Credits) **Schedule:**

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Continuation of 142a. This course builds on the foundation that students have gained through prior Chinese coursework, with a focus on improving oral expression. Classes take the form of presentations, discussions, debates, and other activities designed to strengthen both extemporaneous and prepared speaking ability.

Course Notes: **No auditors. May not be taken Pass/Fail. No native speakers allowed. May not be used for citation.**

Recommended Prep: **Chinese 140a, Chinese 142a, or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Chinese
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

Chinese 150A

Readings and Discussions in Academic and Professional Chinese (119757)

Jie Zhao

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

The course seeks to consolidate and hone students' advanced Chinese ability through in-depth examination of Chinese society and culture.

Course Notes: **No auditors. May not be taken Pass/Fail.**

Recommended Prep: **Chinese 140b, 142b, or 163 or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Chinese
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

HCOL: Foreign Lang Citation	Chinese
FAS Course Roll	FAS Course Roll

Chinese 150B

Readings and Discussions in Academic and Professional Chinese (119758)

Dan Wang

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Continuation of Chinese 150a. The course seeks to consolidate and hone students' advanced Chinese ability through in-depth examination of Chinese society and culture.

Course Notes: **No auditors. May not be taken Pass/Fail.**

Recommended Prep: **Chinese 150a or equivalent.**

Requirements: **Prerequisite: Chinese 150A or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Chinese
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Chinese
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

Chinese 163

Business Chinese (117085)

Dan Wang

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Designed for students interested in international business, employment or internships in Chinese-speaking communities (China, Taiwan, Singapore), or for students who simply want to improve their Chinese proficiency with a focus on authentic social and professional interactions. Students will develop their professional communication skills (both spoken and written), as well as gaining a broad business vocabulary. No specific background in business or economics is required.

Course Notes: **Conducted in Chinese. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Chinese
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Chinese

Chinese 166R

Chinese in the Humanities (108397)

2019 Fall (4 Credits) **Schedule:** W 1200 PM - 0200 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Advanced language practice through the reading and analysis of authentic academic texts in humanities disciplines (e.g., art, literature, cinematic studies). May be offered independently in Chinese, or linked with an English-language content course. Specific content varies by year.

Topic: **Dream of the Red Chamber**

Course Notes: **All readings and discussions in Chinese. Counts toward Language Citation in Modern Chinese.**

Recommended Prep: **Grade of B or better in Chinese 140b or equivalent proficiency.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Chinese
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Chinese
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Chinese 166R

Chinese in the Humanities (108397)

Jennifer Li-Chia Liu

David Wang

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Advanced language practice through the reading and analysis of authentic academic texts in humanities disciplines (e.g., art, literature, cinematic studies). May be offered independently in Chinese, or linked with an English-language content course. Specific content varies by year.

Topic: **Modern Chinese Literature**

Course Notes: **All readings and discussions in Chinese. Counts toward Language Citation in Modern Chinese.**

Recommended Prep: **Grade of B or better in Chinese 140b or equivalent proficiency.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Chinese
FAS: Meets Foreign Lang Req	Chinese
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

Chinese 300

Reading and Research (114283)

Peter K. Bol

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
No FAINFO	300 or 3000 level class, do not generate FAINFO

Chinese 300

Reading and Research (114283)

Peter K. Bol

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Chinese 300 Section: 002

Reading and Research (114283)

Mark Elliott

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Chinese 300 Section: 002

Reading and Research (114283)

Mark Elliott

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Chinese 300 Section: 003

Reading and Research (114283)

Jie Li

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Chinese 300 Section: 003

Reading and Research (114283)

Jie Li

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Chinese 300 Section: 004

Reading and Research (114283)

Wai-yee Li

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Chinese 300 Section: 004

Reading and Research (114283)

Wai-yee Li

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Chinese 300 Section: 005

Reading and Research (114283)

Thomas Kelly

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Chinese 300 Section: 005

Reading and Research (114283)

Thomas Kelly

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Chinese 300 Section: 006

Reading and Research (114283)

Xiaofei Tian

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Chinese 300 Section: 006

Reading and Research (114283)

Xiaofei Tian

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Chinese 300 Section: 007

Reading and Research (114283)

Michael J. Puett

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Chinese 300 Section: 007

Reading and Research (114283)

Michael J. Puett

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Chinese 300 Section: 008

Reading and Research (114283)

Michael Szonyi

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Chinese 300 Section: 008

Reading and Research (114283)

Michael Szonyi

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Chinese 300 Section: 009

Reading and Research (114283)

David Wang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Chinese 300 Section: 009

Reading and Research (114283)

David Wang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Subject: E Asian Film & Media Studies

E Asian Film & Media Studies 111

East Asian Media Studies (159551)

Alexander Zahlten

2019 Fall (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course explores the explosion of media in East Asia and the resulting forms of media production, circulation and consumption that transform everyday life, economy and politics. From pop culture phenomena such as K-Pop, fan fiction and internet platforms such as Sina Weibo, 2channel or DC Inside, from mobile phone culture to video games and social networks used in political protests, complex media forms and practices are developing with lightning speed across the region and exerting global influence. The starting point of the course are questions such as: What effects does this intense new media environment have in East Asia? How are ways of thinking and behaving adjusting to completely new forms of media? What are the consequences for the future of East Asia? How do media influence us in ways that go beyond the films, music, games, news or other forms that they supply us with?

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

E Asian Film & Media Studies 141

Japanese Language and Visual Media (Bridge Course) (212648)

Wesley Jacobsen

Alexander Zahlten

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This is a bridge course designed around Japanese visual media with the dual goal of introducing methods and concepts current in the discipline of film studies while building increased proficiency in the Japanese language, especially in aural comprehension. The course will be conducted in Japanese so far as is practical, targeting students who have completed at least five semesters of Japanese language study. It seeks to build on student interest in genres of film with which they are familiar, deepening their critical understanding of the medium of film while introducing them to the analysis of visual media with which they are likely to be less familiar, either in terms of content or temporal period.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

E Asian Film & Media Studies 151 Section: 01

Documenting China on Film (204991)

Jie Li

2019 Fall (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

What defines a film as "documentary"? How do documentary films inform, persuade, provoke, or move us? Of whom, by whom, and for whom are documentaries made? Can documentary also be "propaganda" or "art"? What rhetorical devices and aesthetic strategies do documentaries use to construct visions of reality and proclaim them as authentic, credible and authoritative? What might documentary films—as opposed to written text—teach us about modern Chinese history and contemporary society? Above all, how would you go about making a documentary film, in China or elsewhere?

In this course, we will examine documentary films made in or about China from the early 20th century to the present day, through the lenses of both Chinese and foreign filmmakers. We will interrogate the visual "evidence" that camera images can offer, look into their production and reception histories, as well as discuss the ethics, aesthetics, and politics of documentation, representation, and exhibition. Weekly topics are roughly grouped into three parts: (1) "Witnessing History" (2) "Social Reportage" and (3) "Art, Experimentation, and Fiction." The first part will cover the cinematic history and memory of World War II, the Cultural Revolution, and the 1989 Tiananmen protests. The second part will explore documentary engagements with contemporary issues ranging from social inequality, migrant labor, forced demolitions, and environmental degradation. The third part will consider the art of observation, the potentials of experimentation, and the porous boundaries between documentary and fiction. Viewings of documentary films will be complemented by theoretical and contextual readings, as well as short assignments to engage critically and creatively with the films we watch. The final project for the course will be to make a documentary film in a small group.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

E Asian Film & Media Studies 201

Media Mix: Representations and Meaning Between Media in Japan: Seminar (108471)

Alexander Zahlten

2020 Spring (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course introduces ways of understanding the complex media systems we live in. Drawing on a wide range of media theories it maps different histories of the interconnection of media in Japan, from "old" to "new" media. The course will explore the early ties between theater, literature and cinema, fascist media strategies, the popularization of the media mix by anime and publishing companies, current routes between manga, anime, light novels, films and games, or the emerging platform economy. It will consider the consequences of media mix for, among others, our understanding of nation, gender, memory, and the

concept of world.

Basic Japanese language skills are recommended, though not required, for this course.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

E Asian Film & Media Studies 202

Rip and Tear--The Body as Moving and Moved Image in Japanese Film: Seminar (108472)

Alexander Zahlten

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course traces the role of the body as a discursive anchor in moving image culture in Japan. The focus will lie on the period after WW II, although the mapping of historical contexts will entail investigations into earlier histories as well.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

E Asian Film & Media Studies 222 Section: 01

Media Cultures in the People's Republic (110471)

Jie Li

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This graduate seminar examines the changing Chinese mediascape from the 1950s to the present. Every week, we will focus on one or two different media forms or technologies, from propaganda posters, photography, cinema, animation, radio, loudspeakers, cassettes, to television, video, Internet, surveillance systems, and digital platforms. We will ask question such as: How have various visual, sound, broadcasting, and digital media represented and transformed Chinese culture, history, and society? To what extent was the Chinese revolution a media revolution, and is there a media revolution going on now? How have the mass media served authoritarian propaganda and surveillance, facilitated grassroots resistance and independent expression, or circulated as commodities of market capitalism? How have media technologies affected perception, experiences, and memories of socialism and postsocialism, as well as the periods' aesthetics, ethics and practices? What is specific or special about each medium, and how do different types of media interact in the Chinese context?

Scholarship on Chinese media can be found across various disciplines including literature, film studies, art history, cultural history, anthropology, sociology, and political science. This course draws on this interdisciplinary body of scholarship and seeks to reframe them within the new and emerging field of Chinese media studies. While analyzing media texts, we will also consider their sociopolitical, institutional, and technological as well as engage with media theories and explore untapped historical sources.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

E Asian Film & Media Studies 300

Reading and Research (160719)

Alexander Zahlten

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
No FAINFO	300 or 3000 level class, do not generate FAINFO

E Asian Film & Media Studies 300

Reading and Research (160719)

Alexander Zahlten

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

E Asian Film & Media Studies 300 Section: 002

Reading and Research (160719)

Shigehisa Kuriyama

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

E Asian Film & Media Studies 300 Section: 002

Reading and Research (160719)

Jie Li

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

E Asian Film & Media Studies 300 Section: 003

Reading and Research (160719)

Shigehisa Kuriyama

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

E Asian Film & Media Studies 300 Section: 003

Reading and Research (160719)

Tomiko Yoda

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

E Asian Film & Media Studies 300 Section: 004

Reading and Research (160719)

Jie Li

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

E Asian Film & Media Studies 300 Section: 004

Reading and Research (160719)

Tomiko Yoda

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Subject: East Asian Studies

East Asian Studies 90R

East Asian Language Tutorials (152860)

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Independent reading and research in an East Asian language.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

East Asian Studies 90R

East Asian Language Tutorials (152860)

Ryuichi Abe

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Independent reading and research in an East Asian language.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

East Asian Studies 90R Section: 002

East Asian Language Tutorials (152860)

Mark Elliott

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Independent reading and research in an East Asian language.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

East Asian Studies 91R

Supervised Reading and Research (148329)

Ryuichi Abe

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent reading and research in East Asian Studies.

Course Notes: **Open to students who have given evidence of ability to do independent reading and research. May be taken on an individual basis or by small groups of students interested in working on the same topic. Permission of the Director of Undergraduate Studies required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students

East Asian Studies 91R

Supervised Reading and Research (148329)

Ryuichi Abe

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Independent reading and research in East Asian Studies.

Course Notes: **Open to students who have given evidence of ability to do independent reading and research. May be taken on an individual basis or by small groups of students interested in working on the same topic. Permission of the Director of Undergraduate Studies required.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

East Asian Studies 97AB

Introduction to the Study of East Asia: Issues and Methods (145419)

Ryuichi Abe

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This interdisciplinary and team-taught course provides an introduction to several of the approaches and methods through which the societies and cultures of East Asia can be studied at Harvard, including history, philosophy, literary studies, political science, film studies, anthropology and gender studies. We consider both commonalities and differences across the region, and explore how larger processes of imperialism, modernization, and globalization have shaped contemporary East Asian societies and their future trajectories.

Course Notes: **Required of sophomore concentrators and secondary field candidates. Open to freshmen. EAS 97ab may not be taken Pass/Fail.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

East Asian Studies 98B

Junior Tutorial--Japan and the World (145023)

Susan Pharr

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Junior Tutorial option for EAS. Open to Government and other concentrators. For students with an interest in the society, economy, politics, and popular culture of contemporary Japan and its place in the world.

Course Notes: **EAS 98a, 98b, 98d, 98g or a substitution approved by the Director of Undergraduate Studies is required for all EAS concentrators.**

EAS 98B also fulfills the Government 94 seminar requirement.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

East Asian Studies 98J

Political Economy of 21st Century China: Junior Tutorial (212974)

Daniel Koss

2019 Fall (4 Credits) **Schedule:** T 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

This course examines central challenges facing the Chinese leadership since 2000, in (1) domestic politics,

(2) economics, and (3) foreign policy. Concepts and methods from the social sciences are introduced to analyze topics including the SARS health crisis, the strained leadership transition to Xi Jinping, internet censorship, the great variety of protests, policy experimentation, factions in elite politics, ethnic minorities, state-led development with the emergence of companies designated as national champions, anti-corruption efforts, rising inequality, artificial intelligence (AI) in the country's digital strategy, international power transitions, China's entry into the World Trade Organization (WTO), the ongoing trade dispute, and the Belt and Road initiative. This is a junior tutorial with enrollment capped at 10 students.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

East Asian Studies 99A

Tutorial - Senior Year (135225)

Ryuichi Abe

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Thesis guidance under faculty direction. Part one of a two part series.

Course Notes: **All students writing an EAS or joint EAS thesis will attend a research and writing workshop that meets twice each term.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
Full Year Course	Divisible Course
FAS: Course Level	Primarily for Undergraduate Students

East Asian Studies 99B

Tutorial - Senior Year (159890)

Ryuichi Abe

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Thesis guidance under faculty direction. Part two of a two part series.

Course Notes: **All students writing an EAS or joint EAS thesis will attend a research and writing workshop that meets twice each term.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
Full Year Course	Divisible Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

East Asian Studies 141 Section: 01

East Asian Religions: Traditions and Transformations (126199)

James Robson

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course provides an introduction to the study of East Asian religions. It covers the development of Buddhism, Daoism, Confucianism and Shinto. It is not a comprehensive survey, but is designed around major conceptual themes, such as ritual, image veneration, mysticism, meditation, death, and category formation in the study of religion. The emphasis throughout the course is on the hermeneutic difficulties attendant upon the study of religion in general, and East Asian religions in particular.

Course Notes: **Offered jointly with the Divinity School as 3010.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

East Asian Studies 152

Tea in Japan / America (212645)

Melissa M. McCormick

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This undergraduate seminar examines the history, culture, and practice of the Japanese tea ceremony (*chanoyu*) and its reception in the United States. What began as a ritualized preparation of tea, by the medieval period had developed into a wide-ranging cultural practice the study of which opens onto issues of Japanese aesthetics, political history, and philosophy. Common perceptions of *chanoyu* today, however, are often filtered through the lens of its first systematic presentation in the United States, Okakura Tenshin's *Book of Tea* (1906). With this in mind, the course takes advantage of the rich resources in the Boston area that pertain directly to this early phase of "teaism" in America, while exploring later twentieth-century and contemporary examples of art and architecture related to tea.

Enrollment limited to 12.

Class Notes: **In addition to the seminar meeting (2 hours within the allotted time), a 1-hour "tea lab" will meet each week consisting mainly of tea ceremony instruction.**

Requirements: No background in Japanese studies necessary. Enrollment is limited to 12 and requires permission of the instructor.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

East Asian Studies 170

Medicine and the Body in East Asia and in Europe (144070)

Shigehisa Kuriyama

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Comparative historical exploration of the striking differences and unexpected similarities between traditional conceptions of the body in East Asian and European medicine; the evolution of beliefs within medical traditions; the relationship between traditional medicine and contemporary experience.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

East Asian Studies 196

Political Geography of China (212563)

Daniel Koss

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Putting Chinese politics on the map, this course asks how the government deals with the enormous challenges of ruling over a vast terrain with a diverse population, encompassing super-rich urban metropolises as well as poor rural peripheries. We begin with statecraft traditions from the late imperial era; and end with China's place on the future global maps of the 21st century. Topics include: macro-regions; priority zones of governance; Special Economic Zones; the Chinese equivalent of "blue states and red

states;" rising inequality; ethnic minorities and borderlands; economic development models; urbanization and city planning; collective action in digital space; domestic and international migration; environmental politics; and the geo-politics of the "One Belt One Road" initiative. We will set aside class time for a hands-on introduction to producing and interpreting maps of China.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

East Asian Studies 197

China's Cultural Revolution (212976)

Daniel Koss

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course introduces a cataclysmic movement that brought the People's Republic of China to the brink of anarchy: The Great Proletarian Cultural Revolution (1966-1976). The first part looks at historical precursors, including rebellion in the imperial era, political movements in the Republican Era, Communist campaigns and purges, as well as the Great Leap Forward famine that cost tens of millions of lives. Paying equal attention to elite politics at Mao Zedong's "court" and the lived experiences of ordinary citizens, the second part focuses on the evolution of the turmoil, once Mao had called for "bombarding the headquarters" of his own party state, discussing the "Gang of Four," the "attempted coup" by Lin Biao, the Red Guards and the worker rebels in Shanghai, local power seizures and factional warfare, military crackdowns, and the return to order. The third part begins with the reception of the movement abroad, and focuses on its afterlives, including the quasi- pluralist lessons drawn in the immediate aftermath, the role of CR legacies in decisions such as the violent crackdown on the Tiananmen protesters in 1989, and memory politics under Xi Jinping. No language requirement.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

East Asian Studies 198

Political Parties of East Asia (212977)

Daniel Koss

2020 Spring (4 Credits) **Schedule:** T 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

East Asia has been home to an astonishing assortment of political parties, covering the spectrum from democratic to authoritarian institutions, including some of the world's most sophisticated and resilient political organizations. We begin with China's Communist Party, revisiting its foundation in 1921, its rise during the Sino-Japanese War 1937-45,
and its transformation from a revolutionary party to a party in power; then turn to the present day to cover the deep reach of the party into society, the activities and functions of ordinary members, as well as the dynamics of the leading echelons. The second part of the course focuses on Japan, including the origins of political parties in the late 19th century, the post-War emergence of the perennial ruling party, the age of grand money politics under Tanaka Kakuei, the electoral reform of 1993, and the origins of the party's current strength. The third part consists of case studies, covering contemporary parties in North and South Korea, parties in Taiwan before and after the democratic transition, as well as parties in Malaysia and Vietnam, with their multiple connections to East Asia. The course also puts East Asian parties into a comparative perspective to other world regions.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences

East Asian Studies 260

The Lotus Sutra: Texts, Narratives, and Translations (212644)

Ryuichi Abe

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This is a seminar aimed at a small number of advanced graduate students. The *Lotus Sutra* is arguably the most popular sutra in the history of Buddhism in *East Asia.* Its richness in metaphors and parables makes the sutra extremely important in understanding the influence of Buddhist scriptural texts on the development of East Asian literary traditions. Responding to its significance in East Asia, a large number of translations are produced in Western languages. Yet even undergraduate students at Harvard College typically find the most readable English translation, such as the one by Leon Hurvitz and Burton Watson, beyond the reach of their understanding. A large part of the problem in English versions of the sutra is that they fail to bring to the fore the most seminal strands for the development the sutra's narratives that run throughout the sutra's chapters. Unfortunately, existing secondary scholarly writings on the sutra do not help students much because they more often than not uncritically rely on Hurvitz' and Watson's translations and repeat the errors there.

This seminar aims at illustrating such essential strands of sutra's narrative by reading the original Chinese text side by side with the foundational sutra commentaries written by the patriarchs of Chinese Buddhist doctrinal schools – such as Zhiyi and Jicang. The goal of the seminar is threefold: first, it strives to help students improve their ability to interpret and translate Buddhist scriptural texts written in Buddhist literary Chinese; second, it aims at helping students learn how to use the axial commentarial texts in Chinese Buddhist doctrinal traditions; three, it will help students horn their pedagogical skill in teaching undergraduate student how to study Buddhist sutras through their English translation.

Prerequisite: Literary Chinese and instructor's permission. Enrollment limited to 12.

Class Notes: **Recommended Prep: Literary Chinese and instructor's permission.**

Recommended Prep: **Literary Chinese and instructor's permission.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

East Asian Studies 261

Advanced Readings in East Asian Art (212646)

Melissa M. McCormick

2020 Spring (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This is a seminar for advanced graduate students in East Asian art (and adjacent fields) focusing on reading secondary and primary sources in Japanese, as well as recent scholarship and theoretical texts in English. The topic will change each semester to accommodate the research projects, general exam fields, and interests of the participants. In addition to examining the state of the field of East Asian art history, the goal is to provide instruction in practical areas such as deciphering calligraphic texts (*kuzushiji*), improving bibliographic skills, and mastering specialized terminology.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

East Asian Studies 300 Section: 01

Reading and Research (148616)

Ryuichi Abe

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

FAS Divisional Distribution	None

East Asian Studies 300 Section: 02

Reading and Research (148616)

David Howell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

East Asian Studies 301

Independent Teaching Fellow-related Work (208279)

2019 Fall (2 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Independent Teaching Fellow-related work.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

East Asian Studies 301

Independent Teaching Fellow-related Work (208279)

2020 Spring (2 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Independent Teaching Fellow-related work.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

East Asian Studies 302

Independent Course-related Work (208280)

2019 Fall (2 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Independent Course-related Work

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

East Asian Studies 302

Independent Course-related Work (208280)

2020 Spring (2 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Independent Course-related Work

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

East Asian Studies 303 Section: 01

Independent Research Work (208282)

2020 Spring (2 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Independent research work.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

East Asian Studies 303 Section: 01

Independent Research Work (208282)

2019 Fall (2 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Independent research work.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

East Asian Studies 304

EALC Teaching Practicum (212681)

Wai-yee Li

2019 Fall (2 Credits) **Schedule:** T 0345 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course is intended for graduate students in the Department of East Asian Languages and Civilizations, who are either first-time teachers or first-time teaching fellows (TF) in the department. While convened by the EALC PF, who will serve as a resource on weeks that are departmentally specific, invited experts trained in each week's topics will primarily run the course. It will begin by providing students with a tool-kit for effectively fulfilling their role as TF, including strategies for managing the classroom, discussion-leading and active learning techniques, and effective grading and feedback methods. The course will then transition into more specific topics that may arise in the classroom, and finally expand to consider broader issues that we must all face when teaching in East Asian Studies departments.

The course will meet for a total of 10 times. We will meet weekly for weeks 1-4 and bi-weekly for the remainder of the semester, in two-hour sessions. There are a total of 10 sessions, including the Bok Center Fall Teaching Conference. *Students must successfully complete the course before advancing to their general exams*. Each meeting will focus on a specific skill and is intended to give students the chance to not only think about how they want to teach, but also the opportunity to put those ideas into practice before stepping into the classroom. As the semester proceeds, the syllabus is flexible and can respond to student needs and concerns, so please be sure to provide your feedback as we go along!

The course is primarily intended for students currently in the fall semester of their G3 year, although G2 students are also welcome to enroll in the course. For G3 students, this is a chance to use actual materials from your assigned course to prepare for leading discussion sections in parallel with the demands of the semester. For G2 students, who will not yet have a teaching assignment, you will be asked to consult with your advisor about what course you are most likely to teach in the coming year, obtain a syllabus used in previous years for that course, and prepare for class activities based on those readings and potential lecture topics. Class requirements regarding collecting midterm feedback and class observation/recording may be completed during the following academic year without repeating the course.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

Subject: Korean History

Korean History 111

Traditional Korea (113364)

Sun Joo Kim

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Survey of the history of Korea, from earliest times to the 19th century. Examines various interpretive approaches and issues in the political, social, economic, intellectual, cultural, and diplomatic history of premodern Korea.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Korean History 230R

Readings in Premodern Korean History (113964)

Sun Joo Kim

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Examines the social, political, economic, and intellectual history of premodern Korea. Designed primarily for graduate students preparing for the general examination.

Recommended Prep: **Korean History 111 or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Korean
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Korean History 240R

Selected Topics in Premodern Korean History: Seminar (117551)

Sun Joo Kim

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to the major Engllish-language scholarship and historiographical debates on the history of premodern Korea.

Recommended Prep: **Korean History 111 or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Korean
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

Korean History 253 Section: 01

Topics in Modern Korean History: Proseminar (121045)

Carter Eckert

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Readings of secondary works on selected topics in modern Korean history.

Course Notes: **This course is not repeatable. It was earlier but the 'r' was removed.**

Recommended Prep: **Societies of the World 27 or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Korean History 257

Modern Korean History: Special Seminar (156717)

Carter Eckert

2020 Spring (4 Credits) **Schedule:** R 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Readings and research in modern Korean history. Students are required to write a seminar paper based largely on primary materials.

Course Notes: **This course is designed as a one-semester substitute for Korean History 255.**

Recommended Prep: **Korean History 253 or equivalent, and reading proficiency in Korean.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Korean
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Korean History 261

Readings in Modern Korean History II (127821)

Carter Eckert

2019 Fall (4 Credits) **Schedule:** R 0945 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Korean History 260. Designed primarily for graduate students preparing for the general examination.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Subject: Chinese History

Chinese History 113

Society and Culture of Late Imperial China (120602)

Michael Szonyi

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course is a survey of the social and cultural history of China from the Song to the mid-Qing (roughly from 1000 to 1800). The main topics discussed include urbanization and commerce; gender; family and kinship; education and the examination system, and religion and ritual. The main goal of the course will be to explore the relationship between social and cultural changes and political and intellectual developments.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Chinese History 228 Section: 01

Introduction to Neo-Confucianism (117080)

Peter K. Bol

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduces Neo-Confucian texts for close reading and analysis. Selections from the writings and records of spoken instruction by Zhou Dunyi, Chang Zai, Cheng Yi, Cheng Hao, Zhu Xi, Fang Xiaoru, Wu Yubi, Chen Xianzhang, Wang Yangming and others.

Recommended Prep: **Prerequisite: Knowledge of literary Chinese**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Chinese History 229R

Ming Intellectual History (127774)

Peter K. Bol

2020 Spring (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Examines various intellectual texts and movements during the Ming dynasty.

Prerequisite: Knowledge of literary Chinese

Recommended Prep: **Knowledge of literary Chinese**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Chinese
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

Chinese History 230R

Topics in Ming History: Seminar (122885)

Michael Szonyi

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Examines various topics in the social and cultural history of Ming China.

Topic for 2019: Ming legal history

Recommended Prep: **Knowledge of literary Chinese.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Graduate Students

Subject: Chaghatay

Chaghatay A

Elementary Chaghatay (214585)

Aizezi Gulina

2020 Spring (4 Credits) **Schedule:** MWF 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course is intended to develop a basic reading knowledge of Chaghatay, the classical antecedent of modern Uzbek and modern Uyghur, and the common literary language of all Central Asian Turks from the fourteenth to the early twentieth centuries. The course includes a survey of Chaghatay literature as well as a discussion of grammar, the writing system, and lexicographical resources; the class meetings will be devoted to both textbook-based instruction and (particularly in the second half of the semester) the reading of samples from Chaghatay texts drawn from printed sources and manuscript copies.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Chaghatay

Subject: Manchu

Manchu A

Elementary Manchu (124837)

Mark Elliott

2019 Fall (4 Credits) **Schedule:** R 0900 AM - 1015 AM
T 0430 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to Manchu grammar with elementary readings in Manchu script.

Class Notes: **Please contact instructor Lei Lin directly for schedule and location.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Manchu
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	None
FAS: Course Level	For Undergraduate and Graduate Students

Manchu B

Elementary Manchu (110884)

Mark Elliott

2020 Spring (4 Credits) **Schedule:** R 0900 AM - 1015 AM
T 0430 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Readings in a variety of historical and literary texts with emphasis on Manchu documentary sources.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Manchu
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Manchu 300

Reading and Research (124285)

Mark Elliott

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS: Meets Foreign Lang Req	Manchu
FAS Course Roll	FAS Course Roll

Manchu 300

Reading and Research (124285)

Mark Elliott

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Manchu
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Subject: Korean Literature

Korean Literature 110

Premodern Korean Literature (156592)

Si Nae Park

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This lecture course introduces students to select representations of Korean literature through literary works and their contexts from the 9th through the early 20th centuries. Lectures will be on the socio-cultural, historical, political, and philosophical contexts within which the texts, their writers' lives, their customs, their worldviews were embedded. Readings include original texts in translation and parallel scholarly commentaries. Students will read diverse genres of writing including biographies, memorials, poetry, songs, letters, fictional prose, travelogues, memoirs, folklore, and p'ansori. Some of our literary texts may perfectly fit our understanding of what a literary text is supposed to be, while others will challenge us to expand the boundaries of what we define as literature. The course aims to uncover sensibilities that constituted what Koreans during this period perceived as literary and literature-like. Combining lectures and deep reading of the course materials for class discussions, the course also uses visual representations such as paintings, maps, and old books, and portrayals of traditional Korean literary practices in film and television. Those interested in East Asian literature, history, and society will find this course useful.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

Korean Literature 134

Korean Literature in Translation (205281)

Si Nae Park

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An undergraduate survey course on Korean literature covering all periods of Korean literary history and major genres, authors, and themes. All readings are in English. No knowledge of Korean is required. Knowledge of Korean culture and history is recommended.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

Korean Literature 211

Ideologies of Language in Modern and Contemporary Korea (156593)

Si Nae Park

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Descriptions and prescriptions about how we (should) speak and write are fundamentally, if at times covertly, related to larger questions pertaining to cultural identity, history, power, gender, and contents and contours of literature. How are ideas about language and writing constructed, contested, and remembered? What are the impulses and impacts of such ideas? In this seminar, students will become familiarized with key sites of ideologies of language and writing using Korea as a nexus. We will begin with ideologies of language and writing in Korea within the Sinographic cosmopolis (i.e., shared script in pre-20th-century East Asia), Korea under Japanese Imperialism, postcolonial and postwar Korea, and contemporary Korea.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities

Korean Literature 214

Korean Writers and Their Books (204997)

Si Nae Park

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This graduate seminar introduces students to Korean literature within an intricate transcultural and translingual matrix of other preexisting literary texts by focusing on writers and the books that served as their creative inspiration. Each week—with the exception of the first week focused on pre-20th-century Korea—students will read the whole or part of one recent monograph on Korean literature in the English language and a pair of literary works (one by a Korean writer in the original language, with the aid of a

modern Korean rendition, and the other that was his or her "muse" in English translation) to conduct close reading, familiarize oneself with debates and research questions in current Korean literature scholarship, and contextualize the authors and their works in relevant ecology and culture of books. Students should have advanced knowledge of Korean.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Subject: Korean

Korean BA

Elementary Korean (124296)

Hi-Sun Kim

2019 Fall (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This introductory course is designed to provide a basic foundation in modern Korean language and culture by focusing on the balanced development of the interpersonal (speaking), interpretive (listening & reading), and presentational (formal speech & writing) skills. Students in Korean Ba begin by learning the complete Korean writing system (Hangul), which is followed by lessons focusing on basic conversational skills, cultural competence, and grammatical structures. To provide sufficient opportunities to apply what has been learned in class, there are small group drill sessions, language tables, and a number of other cultural activities.

Class Notes: **All lecture and discussion will meet for the duration of 1 hour. First class meeting for this course will be on WEDNESDAY, September 4, 2019.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Korean
FAS Divisional Distribution	None
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam

Korean BA Section: 002

Elementary Korean (124296)

Hi-Sun Kim

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This introductory course is designed to provide a basic foundation in modern Korean language and culture by focusing on the balanced development of the interpersonal (speaking), interpretive (listening & reading), and presentational (formal speech & writing) skills. Students in Korean Ba begin by learning the complete Korean writing system (Hangul), which is followed by lessons focusing on basic conversational skills, cultural competence, and grammatical structures. To provide sufficient opportunities to apply what has been learned in class, there are small group drill sessions, language tables, and a number of other cultural activities.

Class Notes: **All lecture and discussion will meet for the duration of 1 hour. First class meeting for this course will be on WEDNESDAY, September 4, 2019.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
FAS: Meets Foreign Lang Req	Korean

Korean BA Section: 1

Elementary Korean (124296)

Heeyeong Jung

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This introductory course is designed to provide a basic foundation in modern Korean language and culture by focusing on the balanced development of the interpersonal (speaking), interpretive (listening & reading), and presentational (formal speech & writing) skills. Students in Korean Ba begin by learning the complete Korean writing system (Hangul), which is followed by lessons focusing on basic conversational skills, cultural competence, and grammatical structures. To provide sufficient opportunities to apply what has been learned in class, there are small group drill sessions, language tables, and a number of other cultural activities.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Korean
FAS: Final Assessment Category	Three-hour Exam

Korean BB

Elementary Korean (124240)

Hi-Sun Kim

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Korean Ba. This introductory course is designed to provide a basic foundation in modern Korean language and culture by focusing on the balanced development of the interpersonal (speaking), interpretive (listening & reading), and presentational (formal speech & writing) skills. To provide sufficient opportunities to apply what has been learned in class, there are small group drill sessions, language tables, and a number of other cultural activities.

Class Notes: **All lecture and discussion will meet for the duration of 1 hour**

Recommended Prep: **Korean Ba or equivalent.**

Requirements: **Prerequisite: Korean BA or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Korean
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Korean BB Section: 002

Elementary Korean (124240)

Hi-Sun Kim

2020 Spring (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Korean Ba. This introductory course is designed to provide a basic foundation in modern Korean language and culture by focusing on the balanced development of the interpersonal (speaking), interpretive (listening & reading), and presentational (formal speech & writing) skills. To provide sufficient opportunities to apply what has been learned in class, there are small group drill sessions, language tables, and a number of other cultural activities.

Class Notes: **All lecture and discussion will meet for the duration of 1 hour**

Recommended Prep: **Korean Ba or equivalent.**

Requirements: **Prerequisite: Korean BA or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Korean

Korean BX

Elementary Korean for Advanced Beginners (114383)

Hi-Sun Kim

2019 Fall (4 Credits) **Schedule:** MWF 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Korean Bxa is an accelerated course designed for those who have received significant exposure to Korean language and culture and thus have some listening and speaking skills, but haven't had sufficient opportunity to develop their knowledge of basic reading, writing, and grammar. This course will cover important grammatical structures covered Elementary Korean (Ba and Bb) for the purpose of providing tools to build upon the existing level of each student's Korean language ability.

Class Notes: **A 30 minute discussion section (2-3 students per section) for a more focused speaking practice will be scheduled on either Tuesdays or Thursdays between 1:30-2:30 after classes begin. This will replace the "Related Section" currently listed.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Korean
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration

Korean 91R

Supervised Reading and Research (127528)

Hi-Sun Kim

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent reading and research in Korean Language.

Course Notes: **Open to students who have completed Korean 150b and given evidence of ability to do independent reading and research. May be taken on an individual basis or by small groups of students interested in working on the same topic.**

Recommended Prep: **Korean 150b and permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Korean
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Korean 120A

Intermediate Korean (117220)

Joungmok Lee

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Korean 120a is the first half of the intermediate course designed for students who have successfully completed Elementary Korean or students who have an equivalent proficiency level. This course aims to increase students' ability to communicate in Korean in a wide range of daily life situations with an equal focus on expanding and on consolidating students' knowledge of the fundamental grammar of Korean. Students are introduced to reading and listening materials of increasing complexity on a variety of topics in modern Korean society and culture. In addition, in order to develop a deeper understanding of the basic structures of the Korean vocabulary, simple Chinese characters will be introduced in this course.

Class Notes: **All lecture and discussion will meet for the duration of 1 hour. First class meeting for this course will be on WEDNESDAY, September 4, 2019.**

Recommended Prep: **Korean Bb or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Korean
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Korean
FAS Divisional Distribution	None

Korean 120B

Intermediate Korean (124043)

Joungmok Lee

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Korean 120a.

Class Notes: **Class notes: All lecture and discussion will meet for the duration of 1 hour.**

Recommended Prep: **Korean 120a or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

FAS: Meets Foreign Lang Req	Korean
HCOL: Foreign Lang Citation	Korean

Korean 123XB

Intermediate Korean for Advanced Beginners (161278)

Hi-Sun Kim

2020 Spring (4 Credits) **Schedule:** MWF 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Korean 123xb is a continuation of Korean Bx and is for those who have received significant exposure to Korean language and culture and thus have some listening and speaking skills. It is an accelerated course covering important grammatical structures and materials from Intermediate Korean (120a and 120b) for the purpose of providing tools to build upon the basic foundation of student's Korean language ability. Hence, this class is designed to meet the linguisitic needs that are unique to heritage language students to (i) increase accuracy in grammar, (ii) develop basic reading writing skills, and (iii) expand vocabulary through introduction of Chinese characters. Upon completion of this course, students will be fast-tracked into an upper-level course (e.g. Korean 130a).

Class Notes: **A 30 minute discussion section (2-3 students per section) for a more focused speaking practice will be scheduled on either Tuesdays or Thursdays after classes begin.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Korean
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Korean 130A

Pre-advanced Korean (111235)

Heeyeong Jung

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0200 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Korean 130a is designed for students who have completed Intermediate Korean 120b or have equivalent proficiency. Students will consolidate previously learned grammatical patterns and vocabulary through written and audio-visual materials on a variety of topics. By exploring the these topics in Korean, students will not only enhance their language skills of listening, reading, speaking and writing in Korean, but will also allow them to better comprehend Korean culture and society. Emphasis will be placed on developing abilities to present opinions and elaborate ideas through discussions and writings. Moreover, Chinese characters will be added in this course with the purpose of expanding vocabulary to the advanced level.

Class Notes: **Discussion T or Th between 12:00-2:00 pm Sever 205(FAS)**
***A 30 minute discussion section (2-3 students per section) for a more focused speaking practice will be scheduled on either Tuesdays or Thursdays after classes begin.**

Recommended Prep: **Korean 120b or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Korean
HCOL: Foreign Lang Citation	Korean
FAS Course Roll	FAS Course Roll

Korean 130B

Pre-advanced Korean (111846)

Heeyeong Jung

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0200 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Korean 130a.

Class Notes: **A 30 minute discussion section (2-3 students per section) for a more focused speaking practice will be scheduled on either Tuesdays or Thursdays after classes begin.**

Recommended Prep: **Korean 130a or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Korean
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Korean

Korean 140A

Advanced Korean (116633)

Joungmok Lee

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0200 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Korean 140a is designed to enhance students beyond the high-intermediate level in reading, speaking, and writing skills in order to begin understanding socio-cultural and historical issues of contemporary Korea. Hence, the aim of the course includes (i) comprehending authentic materials from contemporary Korean mass media, (ii) following essential points of oral and written discourses that are linguistically complex, (iii) discussing concrete topics relating to major issues of contemporary Korean society and culture through supporting opinions, refutations, hypotheses, and detailed explanations of ideas, and (iv) writing about a variety of topics of Korean culture and society in detail with significant accuracy in grammar and structure. Furthermore, further development of knowledge in Chinese characters, idioms, proverbs, maxims, will be covered in this course.

Class Notes: **Related sections: Additional Hanja class (1 hour) will be added during the course**

Recommended Prep: **Korean 130b or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Korean
FAS: Meets Foreign Lang Req	Korean

Korean 140B

Advanced Korean (112139)

Joungmok Lee

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0200 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Korean 140a.

Class Notes: **Additional Hanja class (1 hour) will be added during the course starting Week 3.**

Recommended Prep: **Korean 140a or equivalent.**

Requirements: **Prerequisite: KOREAN 140A or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Korean
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Korean
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Korean 150A

Readings in Cultural Studies (115517)

Heeyeong Jung

2019 Fall (4 Credits) **Schedule:** F 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Korean 150a is the first half of a content-based Korean language course, designed for promoting language proficiency at the high advanced level. The goal of this course is to achieve critical thinking and a deeper understanding of controversial issues in Korean culture, society, and history through the language. Students are expected to apply advanced language skills in formal settings in analyzing contemporary texts and media, discussing historical and current events, and formulate opinions and arguments on various

topics. Texts and media are drawn from authentic sources in various genres such as literary works, editorials, academic essays, films, TV dramas, documentaries, etc. In-class debates, presentations, and academic research writing will be emphasized.

Class Notes: **Related sections: Additional Hanja class (1 hour) will be added during the course**

Recommended Prep: **Korean 140b or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Korean
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Korean
FAS Course Roll	FAS Course Roll

Korean 150B

Readings in Cultural Studies (115518)

Joungmok Lee

2020 Spring (4 Credits) **Schedule:** F 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Korean 150 is a content-based Korean language course designed to promote language proficiency to the high advanced level. The goal of this course is to achieve critical thinking and a deeper understanding of issues in Korean language, society, and history. Students are expected to apply their advanced language skills in analyzing contemporary texts and media, discussing historical and current events, and formulate opinions and arguments on various topics. Texts and media will be drawn from authentic sources in various genres such as literary works, editorials, academic essays, films, TV dramas, documentaries, etc. In-class debates, presentations, and academic research writing will be emphasized.

Class Notes: **Additional Hanja class (1 hour) will be added during the course starting Week 3.**

Recommended Prep: **Korean 140b or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Korean
FAS: Meets Foreign Lang Req	Korean

Korean 300

Reading and Research (123021)

Carter Eckert

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS: Course Level	Graduate Course

Korean 300

Reading and Research (123021)

Carter Eckert

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Korean 300 Section: 002

Reading and Research (123021)

Sun Joo Kim

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Korean 300 Section: 002

Reading and Research (123021)

Sun Joo Kim

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Korean 300 Section: 003

Reading and Research (123021)

Si Nae Park

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Subject: Japanese Literature

Japanese Literature 162

Girl Culture, Media, and Japan (125615)

Tomiko Yoda

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

In contemporary Japan, girls and girl culture are considered to be among the most significant sources of popular cultural trends. For instance, the girly aesthetics of "cute" (*kawaii*) has animated broad areas of Japanese culture since the 1980s and has become a global cultural idiom through the dissemination of Japanese entertainment medias and fashion products abroad. The course will explore a number of key questions about Japanese (and global) girl culture. How did the conceptualization of girlhood, girl culture, girl bodies, and girl affect transform in Japan from the early twentieth century to the present? How did various medias and media consumption help shape these trends? What can the exploration of "girls'

question" tell us, not only about Japanese socio-cultural history, but also about the general conditions of youth, gender, and media culture in the world today (e.g., the *sea of pink* at Women's March, 2016)? We will begin the semester by unpacking key terms such as "girl," "girlhood," and "girl culture" in relations to the modern and contemporary notions of gender, maturity, and majority. The course materials include fiction, fashion magazines, teen films, manga, and animation. No prior knowledge of Japanese language or history is expected.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Japanese Literature 270 Section: 01

Topics in Modern and Contemporary Japanese Fiction: Seminar (126923)

Tomiko Yoda

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A seminar course on the history, theory, and practice of modern to contemporary Japanese fiction. The course will be organized around a specific theme, time period, a cluster of writers, critics, or genres.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Japanese Literature 271 Section: 01

Topics in Gender and Culture in Japan: Seminar (126924)

Tomiko Yoda

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This semester, Spring 2019, the seminar will examine theories and practices of feminism in Japan and elsewhere. In particular, we will study several forms of "radical feminism," including women's liberation movement or *ribu* in early 1970s Japan. We will explore "radicality" in feminism, articulated against the grain of discourses on women's rights and equality. Topics treated in the course include, radical feminism and the New Left, feminist genealogies, feminism and violence, the politics of feminist manifestos, feminism and futurity, and the feminist politics of organization. Some of the reading materials are in

Japanese.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Subject: Chinese Literature

Chinese Literature 134

Strange Tales: The Supernatural in Chinese Literature (212642)

Thomas Kelly

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course introduces students to traditional Chinese literature by focusing on "tales of the strange." We will examine how ghosts, demons, fox spirits, and other liminal creatures haunt the literary imagination, stretching the possibilities of storytelling. Students will gain familiarity with masterpieces of Chinese literature and their intriguing afterlives in performance, film, and popular culture. Our discussions will consider how literary accounts of ghosts and the supernatural grapple with issues of gender and sexuality, the cultural meanings of death, the boundaries of human community, and the experience of historical trauma. We will focus on developing skills in close reading, while critically engaging theories of the "strange." No background in Chinese is required.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Chinese Literature 140

The Greatest Chinese Novel (108229)

Wai-yee Li

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The Story of the Stone (also known as The Dream of the Red Chamber) by Cao Xueqin (1715?-1763) is widely recognized as the masterpiece of Chinese fiction. It is also a portal to Chinese civilization. Encyclopedic in scope, this book both sums up Chinese culture and asks of it difficult questions. Its cult

status also accounts for modern popular screen and television adaptations. Through a close examination of this text in conjunction with supplementary readings and visual materials, the seminar will explore a series of topics on Chinese culture, including foundational myths, philosophical and religious systems, the status of fiction, conceptions of art and the artist, ideas about love, desire and sexuality, gender roles, garden aesthetics, family and clan structure, and definitions of socio-political order.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Chinese Literature 227R

Early Chinese Historical Writings: Zuozhuan and Related Materials (114804)

Wai-yee Li

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

We will study canonical works in early Chinese historical writings and explore questions of ideology, rhetoric, and narrative—the conceptions of time, change, and causation; modes of reasoning, argument, and observation; forms of speech and narrative. The purpose is to introduce seminar participants to these materials and their exegetical traditions.

Recommended Prep: **Reading knowledge of classical Chinese.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Chinese Literature 231

Late-Ming Literature and Culture (115957)

Wai-yee Li

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Surveys writings from second half of sixteenth century until fall of Ming, including prose (including ``informal essays''), poetry, drama, fiction. Examines late-Ming literary-aesthetic sensibility (and questions how such a category may be justified.)

Recommended Prep: **Reading knowledge of classical and pre-modern vernacular Chinese required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Chinese
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Chinese Literature 235

Theater and Theatricality in Early Modern China (212641)

Thomas Kelly

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This seminar charts the development of Chinese dramatic literature from the fourteenth to the seventeenth centuries. We will focus on the close reading of major works in the *zaju, xiwen,* and *chuanqi* forms, examining how the theater shaped new practices of writing and reading. The seminar will follow two central themes: 1) the shifting relationship between the figures of the playwright and the actor; 2) the interplay between the spaces of the page and stage. Engaging with recent scholarship, we will reflect on how modes of theatrical performance and spectatorship transformed broader understandings of self and society. Our discussions will seek new frameworks for approaching the place of the theater in Chinese literary history.

Recommended Prep: **Reading ability in Literary Chinese is required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

Chinese Literature 236

China's Banned Book: Reading Jin Ping Mei (Conference Course) (212643)

Thomas Kelly

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will introduce students to the controversial masterpiece of Chinese fiction, *The Plum in the Golden Vase* (*Jin Ping Mei*). Censored for its erotic content, this sensational book had a profound impact on the development of Chinese fiction. A landmark in the history of the novel, *The Plum in the Golden Vase* shifts attention away from worthy heroes to examine the everyday exploits and desires of ordinary people. The work of an anonymous author, *The Plum in the Golden Vase* revels in sensory excess (greed, murder, intoxication, and lust), illustrating the vivid details of Chinese urban life. We will focus on developing skills in close reading, while using this monumental work to

survey the flourishing cultural landscape of early modern China. Our discussions will situate the novel alongside recent scholarship on gender and sexuality, material culture, and performance. We will also hold class viewing sessions in the Harvard-Yenching Library and the Harvard Art Museums. Students with Chinese language skills will be encouraged to read the original text.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities

Chinese Literature 245R

Topics in Sinophone Studies - Modern Chinese Fiction on the Periphery (121041)

David Wang

2020 Spring (4 Credits) **Schedule:** M 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Survey of modern Chinese fiction and narratology from Taiwan, Hong Kong, and the Chinese Diaspora: polemics of the canon, dialogues between national and regional imaginaries, and literary cultures in the Sinophone world.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

Chinese Literature 280 Section: 01

Shanghai and Beijing: A Tale of Two Cities: Seminar (109512)

Jie Li

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course aims to excavate the cultural and historical memories of China's two most important cities. We will discuss literary and cinematic representations, visual and material transformations of the cityscape, cities as sites of cultural production, and the lives of their inhabitants in modern times.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

Subject: East Asian Buddhist Studies

East Asian Buddhist Studies 255 Section: 01

Readings on Chinese Religions: Recent Scholarship on Chinese Buddhism and Daoism: Seminar (125640)

James Robson

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This seminar aims to discuss significant new works in the field of Chinese Religions by focusing on the historical, doctrinal, and philosophical development of the Buddhist tradition in China.

Course Notes: **Jointly offered with Harvard Divinity School as HDS 3232.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities

East Asian Buddhist Studies 256R Section: 01

Chinese Buddhist Texts - Readings in Medieval Buddho-Daoist Documents: Seminar (125643)

James Robson

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This seminar focuses on the careful textual study and translation of a variety of Chinese Buddho-Daoist texts through the medieval period.

Course Notes: **Offered jointly with the Divinity School as 3233.**

Recommended Prep: **Reading knowledge of classical Chinese required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS: Meets Foreign Lang Req	Chinese

East Asian Buddhist Studies 300

Reading and Research (117751)

Ryuichi Abe

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

East Asian Buddhist Studies 300

Reading and Research (117751)

Ryuichi Abe

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

East Asian Buddhist Studies 300 Section: 002

Reading and Research (117751)

Janet Gyatso

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

East Asian Buddhist Studies 300 Section: 002

Reading and Research (117751)

James Robson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

East Asian Buddhist Studies 300 Section: 003

Reading and Research (117751)

James Robson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

East Asian Buddhist Studies 300 Section: 003

Reading and Research (117751)

Janet Gyatso

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Subject: Mongolian

Mongolian 300

Reading and Research (110665)

Mark Elliott

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS: Meets Foreign Lang Req	Mongolian
FAS Course Roll	FAS Course Roll

Mongolian 300

Reading and Research (110665)

Mark Elliott

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Mongolian
All: Cross Reg Availability	Not Available for Cross Registration

Subject: Vietnamese

Vietnamese BA

Elementary Vietnamese (116266)

Binh Ngo

2019 Fall (4 Credits) **Schedule:** MTWR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Surveys the fundamentals of Vietnamese phonetics, grammar, and vocabulary to provide students with basic ability to understand, speak, read, and write Vietnamese. Conversational ability is stressed through an interactive, communication-oriented approach.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Vietnamese
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Vietnamese BB

Elementary Vietnamese (116267)

Binh Ngo

2020 Spring (4 Credits) **Schedule:** MTWR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Vietnamese Ba, with introduction of additional Vietnamese texts and excerpts from Vietnamese newspapers to enhance reading skills.

Recommended Prep: **Vietnamese Ba or permission of the instructor.**

Requirements: **Prerequisite: Vietnamese BA or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Vietnamese
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Vietnamese 140A

Advanced-High Vietnamese (125637)

Binh Ngo

2019 Fall (4 Credits) **Schedule:** TR 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Development of near-native fluency in oral and written expression. Modern Vietnamese literature, including short stories, excerpts from novels, and poems in the original, that were published in Vietnam from the 1930s to the present day is used to introduce the complex grammar, idioms, proverbs and some slang expressions commonly used in contemporary Vietnamese. Discussion focuses on Vietnamese culture and issues related to Vietnamese society during that period.

Recommended Prep: **Vietnamese 130b**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Vietnamese
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Vietnamese
All: Cross Reg Availability	Available for Harvard Cross Registration

Vietnamese 140B

Advanced-High Vietnamese (125638)

Binh Ngo

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Vietnamese 140a. Development of near-native fluency in oral and written expression. Modern Vietnamese literature, including short stories, excerpts from novels, and poems in the original, that were published in Vietnam from the 1930s to the present day is used to introduce the complex grammar, idioms, proverbs and some slang expressions commonly used in contemporary Vietnamese. Discussion focuses on Vietnamese culture and issues related to Vietnamese society during that period.

Recommended Prep: **Vietnamese 140a**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Vietnamese
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Vietnamese

Vietnamese 300

Reading and Research (120665)

Binh Ngo

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Vietnamese 300

Reading and Research (120665)

Binh Ngo

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Subject: Uyghur

Uyghur A

Elementary Uyghur (124106)

Aizezi Gulina

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to Uyghur, the Turkic language spoken in China's Xinjiang Uyghur Autonomous Region and throughout Central Asia. This class is for students who have little or no previous knowledge of Uyghur. The course will introduce the basic letters and sounds of the Perso-Arabic based Uyghur script. In addition to the script, the students will gain some fundamental knowledge of the grammar and develop preliminary conversation skills. All four areas of skill: reading, writing, listening and speaking will be emphasized through lectures, drills, and use of media to facilitate basic language acquisition.

Class Notes: **Course meets for first hour of schedule block.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Uyghur
FAS: Course Level	For Undergraduate and Graduate Students

Uyghur 300

Readings in Uyghur Language and Literature (124527)

Mark Elliott

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Guided readings in advanced Uyghur-language texts. May be repeated for credit.

Recommended Prep: **Uyghur 120B or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Uyghur
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Uyghur 300

Readings in Uyghur Language and Literature (124527)

Mark Elliott

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Guided readings in advanced Uyghur-language texts. May be repeated for credit.

Recommended Prep: **Uyghur 120B or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Uyghur
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Subject: Japanese History

Japanese History 120 Section: 01

Japanese Religions in the 20th and 21st Centuries (119698)

Helen Hardacre

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An examination of religion and society from the end of the Meiji period (1912) to the present. This course explores the meaning of the modern in Japanese religions, the development of the public sphere and religion's relations with it, religion and nationalism, and the interconnections of religion and social change with materialism, consumerism, pacifism, and spiritualism.

Course Notes: **Offered jointly with the Divinity School as 3958.**

Recommended Prep: **General knowledge of Japanese history and religion is helpful. Enrollment in Japanese History 115 recommended but not required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

Japanese History 214R

Major Issues in the Study of Japanese Religions (159553)

Helen Hardacre

2019 Fall (4 Credits) **Schedule:** T 0900 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Topic for Fall 2019: Japanese Enthronement Ritual

This seminar addresses Japanese coronation ritual, which is among the oldest in the world, based on readings and media observation of the enthronement of 2019. On May 1 the 126th emperor of Japan will acceed to the throne when he receives the regalia. He will proclaim his enthronement in October before a large audience of officials and foreign guests.The ceremonies conclude in November in a rite called the Daijōsai, in which the new emperor symbolically shares a meal with the ancestral gods of his lineage. Our seminar begins with a consideration of methods for the study of ritual. We examine texts from the ancient period that are understood to provide a prototype, turning to medieval and early modern enthronements incorporating Buddhist ideals for the monarch. Modern enthronements of the Meiji, Taishō, Shōwa, Heisei, and the new era are examined in social and political context, including contemporary debates regarding the compatibility of constitutionalism and monarchy, and separation of religion from state.

Course Notes: **Offered jointly with the Divinity School as 3961.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Japanese History 270

Early Modern Japanese History: Proseminar (126627)

David Howell

2020 Spring (4 Credits) **Schedule:** R 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This seminar surveys the recent English-language literature on the history of early modern Japan, roughly from the late sixteenth century to around 1875.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Economics

Subject: Economics

Economics 10A

Principles of Economics (Microeconomics) (113326)

Jason Furman

David Laibson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Economists study human behavior using a combination of models and data. Ec 10A introduces students to economic models by using intuitive discussions, graphical analysis and, in some cases, very basic algebra. The models study individual decision-making and markets, and range from classical approaches like supply and demand to more recent approaches that consider informational limitations and behavioral mistakes. We will also use data to understand the strengths and weaknesses of these models. The course also discusses the role that ethics and values play in people's choices and in policy discussions—including an understanding and critique of approaches like utilitarianism and libertarianism. The ultimate goal of the course is to provide students with a set of tools that will help them develop answers for themselves on how to make better choices and participate in debates on major public policy issues in areas including tax policy, inequality, discrimination and the environment.

Course Notes: **Ec 10A is the first half of an integrated sequence that continues with the study of macroeconomics in Ec 10B. Students may elect to take only the fall microeconomics course and receive four credit. This sequence is designed with two types of students in mind. For students who will never take another economics course, Ec 10A and 10B provide a self-contained training to prepare them to understand and engage with economic issues. For students who end up deciding to be Economics Concentrators, Ec 10A and 10B provide a wide-ranging introduction to the field and are required courses. The Department of Economics strongly encourages students considering concentrating in Economics to take these courses during their first year in the college. Ec 10A and 10B are not duplicative of AP Economics courses but aim to provide a broader perspective and a deeper engagement with public policy. From fall 2019 onward, Ec 10A or 10B fulfill the Social Sciences distribution requirement for the General Education program. It is not necessary for students to take both halves of Ec 10 to fulfill this requirement.**

Class Notes: **Ec 10a meets in lectures on Mondays and Wednesdays 10:30-11:45 a. m., and in sections on Thursdays or Fridays. The first three lectures (W 9/4, M 9/9, W 9/11) will meet in Sanders Theatre. Thereafter, lectures will be held in Science Center B.**

Simultaneous enrollment: In the fall of 2019, students can enroll in Ec10a and another course that meets at the same MW time without needing to petition for permission to have simultaneous enrollment. Simply enroll in both courses and the registrar's online systems will accept the overlapping enrollments. While you do not need to come to our lectures (if you watch them on video), you do need to come to our midterm on October 16. So you will need to miss the "other" course

on that one day (a Wednesday). Of course, you will also need to find an Ec10a section time (on Th or F) that works for you. Sections have required in-person attendance.

Recommended Prep: **There is no mathematics background requirement. No calculus is used in the course and the use of algebra is very limited. Ec 10A is strongly recommended in advance of Ec 10B which covers macroeconomics and is taught in the spring term.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Economics 10B

Principles of Economics (Macroeconomics) (109894)

Jason Furman

David Laibson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Ec 10B continues the curriculum presented in Ec 10A. Starting with the descriptive and ethical frameworks of Ec 10A, Ec 10B moves from the study of microeconomics (individual decision-making and individual markets) to the study of macroeconomics (e.g., the growth of the overall economy, unemployment, and inflation). Ec 10B explains what economists do and do not understand about why per capita income varies so much across countries and what factors determine the rate of aggregate economic growth. Ec 10B also explains why the economy fluctuates, as illustrated by sharp changes in the rate of unemployment, the net rate of job creation, or the rate of overall economic growth. The course also explains how policy makers attempt to manage and dampen these fluctuations using both monetary policy (i.e., government influence over interest rates and government regulation of banks) and fiscal policy (e.g., government control of spending and taxation). We will also discuss how macroeconomic policies work in an international context, including the factors that affect exchange rates, trade deficits, international capital flows, and how these link economies around the world. Like Ec 10A, Ec 10B introduces students to economic models and discusses both how they are supported and how they are contradicted by available data.

Course Notes: **Ec 10B is the second half of an integrated sequence that begins with the study of microeconomics in Ec 10A. Students may elect to take only the fall microeconomics course and receive four credits. This sequence is designed with two types of students in mind. For students who will never take another economics course, Ec 10A and 10B provide a self-contained training to prepare them to understand and engage with economic issues. For students who end up deciding to be Economics Concentrators, Ec 10A and 10B provide a wide-ranging introduction to the field and are required courses. The Department of Economics strongly encourages students considering concentrating in Economics to take these courses during their first year in the college. Ec 10A and 10B are not duplicative of AP Economics courses but aim to provide a broader perspective and a deeper engagement with public policy. From fall 2019 onward, Ec 10A or 10B fulfill the Social Sciences distribution requirement for the General Education program. It is not**

necessary for students to take both halves of Ec 10 to fulfill this requirement.

Class Notes: **The class is will meet Monday, Wednesday, and Friday from 10:30 AM to 11:45 AM in Memorial Hall, Sanders Theater.**

Recommended Prep: **There is no mathematics background requirement. No calculus is used in the course and the use of algebra is very limited. Ec 10A which covers microeconomics and is taught in the Fall is strongly recommended in advance of Ec 10B.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Economics 20

Introduction to Data Analysis (212557)

Isaiah Andrews

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 40

This course will introduce students to data analytic methods useful for answering social science questions. The course will cover the fundamentals of probability and statistics while introducing students to causal inference, quasi-experimental methods, and regression analysis. All the methods studied in the course will be motivated and illustrated with real-world applications. This course does not require any prior coursework in economics, but is complementary to Econ 50 and satisfies the prerequisites for Econ 1123.

Recommended Prep: **High school algebra,**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
Quantitative Reasoning with Data	Yes
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Economics 50

Using Big Data to Solve Economic and Social Problems (208364)

Nadarajan Chetty

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will show how "big data" can be used to understand and address some of the most important social and economic problems of our time. The course will give students an introduction to frontier research and policy applications in economics and social science in a non-technical manner that does not require prior coursework in Economics or Statistics, making it suitable both for students exploring

Economics for the first time and more advanced students. Topics include equality of opportunity, education, innovation and entrepreneurship, health care, climate change, and crime. In the context of these topics, the course will also provide an introduction to basic methods in data science, including regression, causal inference, and machine learning. The course will include discussions with leading practitioners who use big data in real-world applications.

Class Notes: **Formally Econ 1152.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Final Assessment Category	Three-hour Exam
Quantitative Reasoning with Data	Yes
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Economics 910R

Supervised Reading and Research (107827)

Gregory Bruich

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised reading--by an economics faculty member--leading to a long term paper on a topic or topics not covered by regular courses.

Course Notes: **Does not count for concentration credit and may not be taken Pass/Fail. Requires signatures of the faculty adviser and an Economics Department Lecturer/Advisor. Application available at the Economics Undergraduate Office at Littauer Center, North Yard.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Economics 910R

Supervised Reading and Research (107827)

Gregory Bruich

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised reading--by an economics faculty member--leading to a long term paper on a topic or topics not covered by regular courses.

Course Notes: **Does not count for concentration credit and may not be taken Pass/Fail. Requires signatures of the faculty adviser and an Economics Department Lecturer/Advisor. Application available at the Economics**

Undergraduate Office at Littauer Center, North Yard.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Economics 970

Tutorial - Sophomore Year (122752)

Anne Le Brun

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

A series of seminars taught in small sections focusing on applications of economic theory to real problems.

Course Notes: **One term required of all Economics concentrators. Enrollment limited to concentrators. Has an introductory meeting. Meets in assigned section thereafter.**

Class Notes: **Fall 2019 First Day Meeting Location: Tuesday, September 3, 2019 2:15 PM - 4:00 PM Emerson Hall 105**

Recommended Prep: **Economics 10a and 10b (or equivalent); Statistics 100, 104, or 110; and Economics 1010a1, 1010a2, or 1011a.**

Requirements: **Prerequisite: (Statistics 100 OR Statistics 104 OR Statistics 110) AND (Economics 1010a OR Economics 1011a)**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 970

Tutorial - Sophomore Year (122752)

Anne Le Brun

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

A series of seminars taught in small sections focusing on applications of economic theory to real problems.

Topic: **Sophomore Tutorial**

Course Notes: **One term required of all Economics concentrators. Enrollment limited to concentrators. Has an introductory meeting. Meets in assigned section thereafter.**

Recommended Prep: **Economics 10a and 10b (or equivalent); Statistics 100, 104, or 110; and Economics 1010a1, 1010a2, or 1011a.**

Requirements: **Prerequisite: (Statistics 100 OR Statistics 104 OR Statistics 110) AND (Economics 1010a OR Economics 1011a)**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Economics 975A

Tutorial - Microeconomics Theory Review (112836)

Gregory Bruich

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A thorough review of intermediate microeconomics. This is a junior tutorial.

Course Notes: **Required of and limited to concentrators who received below a B- in Economics 1010a or 1011a.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 975A

Tutorial - Microeconomics Theory Review (112836)

Gregory Bruich

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A thorough review of intermediate microeconomics. This is a junior tutorial.

Course Notes: **Required of and limited to concentrators who received below a B- in Economics 1010a or 1011a.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 975B

Tutorial - Macroeconomics Theory Review (156670)

Gregory Bruich

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A thorough review of intermediate macroeconomics. This is a junior tutorial.

Course Notes: **Required of and limited to concentrators who received below a B- in Economics 1010b or 1011b.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Economics 975B

Tutorial - Macroeconomics Theory Review (156670)

Gregory Bruich

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A thorough review of intermediate macroeconomics. This is a junior tutorial.

Course Notes: **Required of and limited to concentrators who received below a B- in Economics 1010b or 1011b.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Economics 980B

Education in the Economy (126777)

Lawrence Katz

Claudia Goldin

2020 Spring (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

An exploration of the role of education in the economy using historical, comparative, and current policy perspectives. Topics include the theory of human capital, role of education in economic growth and distribution, the educational production function, vouchers, charter schools, class size, standards, school equalization, for-profit educational institutions, and the gender gap in college completion. A serious research paper is required, as are several short critical essays of the literature. This is a junior tutorial.

Course Notes: **This course requires special action- application or lottery- to enroll. Visit economics.harvard.edu/page/junior-seminar-0 and the course canvas site for more information.**

This course requires attendance to all 12 classes.

Class Notes: **Course start time: 12:45pm**

Recommended Prep: **Ec 1010a and 1010b (or 1011a and 1011b), one of stats 100, 104 or 110, and Ec 1123 or 1126 (or concurrent enrollment in 1123 or 1126).**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

Economics 980CC

Readings on Market Imperfections and Implications for Government Intervention (156370)

Nathaniel Hendren

2020 Spring (4 Credits) **Schedule:** M 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 18

This course focuses on rationales for and methods of government interventions in private markets. We cover various rationales, such as environmental externalities, fiscal externalities, and asymmetric information. And, we focus on various methods of intervention, such as taxes, regulation, direct government provision, mandates. We motivate our discussions using a combination of classic economics papers and more recent work focused on topical issues such as health insurance regulation and climate change. This s a junior tutorial.

Class Notes: **Course will meet from 12:45-2:45pm.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Economics 980DD

Globalization and Inequality (Junior Tutorial) (203556)

Marc Melitz

2019 Fall (4 Credits) **Schedule:** M 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 18

This course will overview recent trends in the distribution of income within and across countries and will discuss economic research aimed at understanding the role of globalization (trade integration, multinational activity, etc) in shaping these trends. The course will focus on analytical and statistical methods and therefore requires knowledge of calculus and econometrics.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

Economics 980EE

The Behavioral Economics of Poverty and Development (204014)

Gautam Rao

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This is a junior tutorial.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration

Economics 980GG

Inequality, Leverage, and Crises (212647)

Ludwig Straub

2020 Spring (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 18

This course provides students with a unique perspective connecting three global macroeconomic phenomena: the rise in income and wealth inequality, the surge in household leverage, and credit boom-bust cycles. We will attempt to answer questions such as: What is behind the recent increases in income and wealth inequality? Does income inequality have a role to play in explaining credit booms? How are credit booms linked to global capital flows? What happens if credit booms go bust, and which credit booms end worse than others? Which policies can be used to prevent the next crisis? Should monetary policy lean against a credit boom?

The course is entirely based on current research and familiarizes students with the ideas on these topics that are shaping current debates among macroeconomists and finance economists in academia, policymaking and industry. Along the way, the course will expose students to important sources for macroeconomic data and the necessary tools to analyze it, such as regression analysis in cross-sectional and panel data in Stata. The ultimate goal of the class is to endow students with the ability to critically digest and conduct research on current topics in global macroeconomics and finance.

Class Notes: **The course will take place from 9:45am-11:45am**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

Economics 980J

The Libertarian Perspective on Economic Policy: Junior Seminar (212812)

Jeffrey A. Miron

2019 Fall (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 18

This course analyses the libertarian perspective on economic, social, and foreign policy. This perspective differs from both liberal and conservative views, arguing for minimal government across the board. Specific policies addressed include drug prohibition, gun control, free trade, public education, abortion rights, gay marriage, income redistribution, immigration, health care, national defense, and campaign finance regulation.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 980MM

Designing Real-World Experiments to Improve Firm Decision-Making and Public Policy (212568)

Amanda Pallais

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 18

Field experiments (experiments that take place in real-world settings) are increasingly being used to analyze public policies, make business decisions, and test theories. The most recent economics Nobel Prize recognized experiments' role in alleviating global poverty. This class will dive into how to design a field experiment and learn about some of the most exciting recent experimental research. It will also use experiments to learn about the research process. We will discuss how to frame a question so that the research informs policy, when to trust research discussed in the popular press, and how to interpret and apply results to improve decision-making.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 980W

Policy Options in Health Economics (107675)

Ariel Pakes

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Description: The seminar will focus on policy issues in health economics. We will read papers on an assortment of policy options and formulate frameworks for analyzing their likely impacts on outcomes of interest. Examples include the analysis of mergers in hospital and insurance markets, the choice of capitation vs fee for service contracts and its impact on cost and quality of care, policy options for health insurance, and the re-structuring of health service providers. Where possible we will use data and do the analysis quantitatively. Some knowledge of microeconomic and statistical tools, particularly those related to industrial organization, will be helpful (a few of the needed techniques will be taught during the course). This is a Junior Tutorial.

Course Notes: **This course requires special action- application or lottery- to enroll. Visit economics.harvard.edu/page/junior-seminar-0 and the course canvas site for more information.**

Class Notes: **This course will meet from 12:45-2:45pm**

Recommended Prep: **Ec 1010a and 1010b (or 1011a and 1011b), one of stats 100, 104 or 110, and Ec 1123 or 1126 (or concurrent enrollment in 1123 or 1126).**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

Economics 980X

Personal Economics : Junior Seminar (108892)

Claudia Goldin

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

How are the most personal choices and life transitions decided? When and whom do you marry, how many children do you have, how much education should you obtain, and which careers or jobs will you pursue? Much will be explored in terms of change over time, particularly concerning the economic emergence of women and the growing role of government. Readings draw on economic theory, empirical analyses, history, and literature from the 19th century to the present. This is a Junior Tutorial.

Class Notes: **Course will start at 12:45pm**

Recommended Prep: **Ec 1010a and 1010b (or 1011a and 1011b), one of stats 100, 104 or 110, and Ec 1123 or 1126 (or concurrent enrollment in 1123 or 1126).**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Economics 980Z

Behavioral Finance (203866)

Jeremy Stein

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This junior seminar will provide an overview of theoretical and empirical research on asset pricing that adopts a "behavioral" perspective, i.e. that considers the joint consequences of: (i) investors who have either less than fully rational beliefs or non-standard preferences; and (ii) various impediments to arbitrage. We will also spend considerable time fleshing out the implications of investor sentiment for corporate finance, macroeconomics, and public policy.

Class Notes: **Course will take place from 12:00-2:00pm**

Recommended Prep: **Ec 1010a and 1010b (or 1011a and 1011b), one of stats 100, 104 or 110, and Ec 1123 or 1126 (or concurrent enrollment in 1123 or 1126).**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 985DA Section: 1

Research in International Trade, Urban Economics, and Economic Growth (208344)

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Workshop for seniors writing theses. Especially for topics in international trade, urban economics, and economic growth, but open to all fields. Emphasis on choice of research topics, methodology, and data sources. Part one of a two-part series; students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Indivisible Course

Economics 985DB Section: 1

Research in International Trade, Urban Economics, and Economic Growth (208345)

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Workshop for seniors writing theses. Especially for topics in international trade, urban economics, and economic growth, but open to all fields. Emphasis on choice of research topics, methodology, and data sources. Part two of a two-part series; students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
Full Year Course	Indivisible Course
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Primarily for Undergraduate Students

Economics 985EA

Research in Behavioral Economics, Inequality, Culture, and History (213703)

Anke Becker

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Workshop for seniors writing theses. Especially for topics in behavioral economics, inequality, culture, and history, but open to all fields. Emphasis on choice of research topics, methodology, and data sources. Part one of a two-part series; students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Indivisible Course
FAS Divisional Distribution	Social Sciences

Economics 985EB

Research in Behavioral Economics, Inequality, Culture, and History (214568)

Anke Becker

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Workshop for seniors writing theses. Especially for topics in behavioral economics, inequality, culture, and history, but open to all fields. Emphasis on choice of research topics, methodology, and data sources. Part one of a two-part series; students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Indivisible Course
FAS Divisional Distribution	Social Sciences

Economics 985FA

Research in Macroeconomics, Monetary Economics, Public Economics, and Modeling (213704)

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Workshop for seniors writing theses. Especially for topics in macroeconomics, monetary economics, public economics, and modeling, but open to all fields. Emphasis on choice of research topics, methodology, and data sources. Part one of a two-part series; students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Indivisible Course

Economics 985FB

Research in Macroeconomics, Monetary Economics, Public Economics, and Modeling (214569)

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Workshop for seniors writing theses. Especially for topics in macroeconomics, monetary economics, public economics, and modeling, but open to all fields. Emphasis on choice of research topics, methodology, and data sources. Part one of a two-part series; students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Indivisible Course
Course Search Attributes	Display Only in Course Search

Economics 985GA

Research in Finance, Trade, International Economics, and Econometrics (213705)

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Workshop for seniors writing theses. Especially for topics in finance, trade, international economics, and econometrics, but open to all fields. Emphasis on choice of research topics, methodology, and data

sources. Part one of a two-part series; students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
Full Year Course	Indivisible Course

Economics 985GB

Research in Finance, Trade, International Economics, and Econometrics (214570)

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Workshop for seniors writing theses. Especially for topics in finance, trade, international economics, and econometrics, but open to all fields. Emphasis on choice of research topics, methodology, and data sources. Part one of a two-part series; students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Indivisible Course
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Primarily for Undergraduate Students

Economics 985HA

Research in Development, Political Economy, Industrial Organization, and Applied Microeconomics (213706)

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Workshop for seniors writing theses. Especially for topics in development, political economy, industrial organization, and applied microeconomics, but open to all fields. Emphasis on choice of research topics, methodology, and data sources. Part one of a two-part series; students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Indivisible Course
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 985HB

Research in Development, Political Economy, Industrial Organization, and Applied Microeconomics (214571)

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Workshop for seniors writing theses. Especially for topics in development, political economy, industrial organization, and applied microeconomics, but open to all fields. Emphasis on choice of research topics, methodology, and data sources. Part one of a two-part series; students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Indivisible Course
FAS Divisional Distribution	Social Sciences

Economics 985NA

Research in Microeconomics, Macroeconomics, and Econometrics (214455)

Jeffrey A. Miron

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Workshop for seniors writing theses. Especially for topics in microeconomics, macroeconomics, and econometrics, but open to all fields. Emphasis on choice of research topics, methodology, and data sources. Part one of a two-part series; students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students
Full Year Course	Indivisible Course

Economics 985NB

Research in Applied Microeconomics, Labor and Gender (159912)

Jeffrey A. Miron

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Workshop for seniors writing theses. Especially for applied work in microeconomics, labor, or gender issues, but open to all fields. Emphasis on choice of research topics, methodology, and data sources. Course requires written and oral presentations of work in progress leading toward completion of a major research paper or senior honors thesis. Part two of a two part series.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Indivisible Course
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

Economics 985OA

Research in Applied Microeconomics, Education, Health, and Labor Economics (213707)

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Workshop for seniors writing theses. Especially for topics in applied microeconomics, education, health, and labor economics, but open to all fields. Emphasis on choice of research topics, methodology, and data sources. Part one of a two-part series; students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
Full Year Course	Indivisible Course

Economics 985OB

Research in Applied Microeconomics, Education, Health, and Labor Economics (159917)

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Workshop for seniors writing theses. Especially for topics in applied microeconomics, education, health, and labor economics, but open to all fields. Emphasis on choice of research topics, methodology, and data sources. Part one of a two-part series; students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Indivisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
Course Search Attributes	Display Only in Course Search

Economics 985WA Section: 1

Research in Labor Economics, Law, Public Policy, and Applied Microeconomics (204004)

Judd Cramer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Full course. Hours to be arranged.
Workshop for seniors writing theses. Especially for work in labor, law, public policy, and applied microeconomics, but open to all fields. Emphasis on choice of research topics, methodology, and data sources. Part one of a two-part series; students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Indivisible Course

Economics 985WB

Research in Labor Economics, Law, Public Policy, and Applied Microeconomics (204005)

Judd Cramer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Full course. Hours to be arranged.
Workshop for seniors writing theses. Especially for work in labor, law, public policy, and applied microeconomics, but open to all fields. Emphasis on choice of research topics, methodology, and data sources. Part two of a two-part series; students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Indivisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
Course Search Attributes	Display Only in Course Search

Economics 990A

Tutorial - Senior Year (121184)

Thomas Baranga

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For students writing a senior thesis out of sequence. Part one of a two part series.

Course Notes: **Students who are writing a senior thesis out of sequence (i.e., beginning in the spring) must enroll in Economics 990 in the spring**

and complete the course in the fall. Students must write a 25-page paper at the end of the first term of Economics 990. Students currently enrolled in Economics 985 may not enroll in Economics 990.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Economics 990B

Tutorial - Senior Year (159994)

Thomas Baranga

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For students writing a senior thesis out of sequence. Part two of a two part series.

Course Notes: **Students who are writing a senior thesis out of sequence (i.e., beginning in the spring) must enroll in Economics 990A in the spring and complete the course with Economics 990B in the fall. Students must write a 25-page paper at the end of the first term of Economics 990A. Students currently enrolled in Economics 985 may not enroll in Economics 990A and 990B.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
Full Year Course	Divisible Course

Economics 1000

Growth, Technology, Inequality, and Education (110371)

Benjamin Friedman

James Engell

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An economist and a humanist, together with other professors from the natural and social sciences, analyze conceptual and policy-relevant issues from viewpoints of their respective disciplines. For example, how do we measure inequality, and at what point does it become problematic (and how do we know)? How then should it be addressed (e.g., tax code, minimum wage)? What role does, and can, education play? What are the best policies to confront job losses from technology? What does "sustainable growth" mean? The goal is not merely to examine four intertwined issues – growth, technology, inequality, and education – but also to understand the distinct concerns and methods of the humanities, social sciences, and natural sciences.

Course Notes: **Jointly offered with FAS English Department as 195EC.**

Recommended Prep: **For Economics concentrators: Economics 10a. For others: Ec 10a or completion of General Education EMR requirement or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 1010A

Intermediate Microeconomics (108901)

Maxim Boycko

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

The course introduces core microeconomic models of consumers, firms, and markets, and develops their application to a broad range of economic and social issues in the real world. Prerequisites for this course include Economics 10 and Mathematics 1a or their equivalents.

Course Notes: **Students may only take one of Economics 1010a or Economics 1011a for concentration credit.**

Recommended Prep: **Economics 10 and Mathematics 1a or their equivalents.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Social Sciences

Economics 1010A

Intermediate Microeconomics (108901)

Marc Melitz

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

The course introduces core microeconomic models of consumers, firms, and markets, and develops their application to a broad range of economic and social issues in the real world. Prerequisites for this course include Economics 10 and Mathematics 1a or their equivalents.

Course Notes: **Students may only take one of Economics 1010a or Economics 1011a for concentration credit.**

Recommended Prep: **Economics 10 and Mathematics 1a or their equivalents.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Economics 1010B

Intermediate Macroeconomics (112062)

Thomas Baranga

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Theories and evidence on economic growth and fluctuations. Determination of gross domestic product, investment, consumption, employment, and unemployment. Analysis of interest rates, wage rates, and inflation. Roles of fiscal and monetary policies.

Course Notes: **Students may only take one of Economics 1010b or Economics 1011b for concentration credit.**

Recommended Prep: **Economics 10a and 10b, or equivalents, or permission of the instructor. While no specific mathematics course is required, knowledge of calculus at the level of Mathematics 1a is assumed.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Social Sciences

Economics 1010B

Intermediate Macroeconomics (112062)

Christopher Foote

2020 Spring (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Theories and evidence on economic growth and fluctuations. Determination of gross domestic product, investment, consumption, employment, and unemployment. Analysis of interest rates, wage rates, and inflation. Roles of fiscal and monetary policies.

Course Notes: **Students may only take one of Economics 1010b or Economics 1011b for concentration credit.**

Recommended Prep: **Economics 10a and 10b, or equivalents, or permission of the instructor. While no specific mathematics course is required, knowledge of calculus at the level of Mathematics 1a is assumed.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Social Sciences

Economics 1011A Section: 002

Intermediate Microeconomics: Advanced (120711)

Edward Glaeser

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Economics 1011a is similar to Economics 1010a, but more mathematical and covers more material. The course teaches the basic tools of economics and to apply them to a wide range of human behavior. Prerequisites for this course include Mathematics 21a or permission of the instructor.

Course Notes: **Students may only take one of Economics 1010a or Economics 1011a for concentration credit.**

Recommended Prep: **Mathematics 21a or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences

Economics 1011B

Intermediate Macroeconomics: Advanced (120172)

Gabriel Chodorow-Reich

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

The same topics as in 1010b, but with a more mathematical approach. Prerequisites for this class include Economics 1011a or 1010a and Mathematics 21a, or permission of the instructor.

Course Notes: **Students may only take one of Economics 1010b or Economics 1011b for concentration credit.**

Recommended Prep: **Economics 1011a or 1010a and Mathematics 21a, or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students

FAS Divisional Distribution	Social Sciences

Economics 1018 Section: 1

Cultural Economics (122655)

Alberto Alesina

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Explores the importance of culture on economic outcomes, focusing on how heterogeneity of preferences affects economic choices and where those differences come from. Theoretical topics include group identity, social interactions and networks, evolutionary selection, the importance of the family. Empirical applications include international investment, savings, occupational choices, ethical norms, economic development, fertility decisions.

Recommended Prep: **Economics 1010a1, 1010a2, or 1011a, and Economics 1123.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Economics 1025

From Gorbachev to Putin: The Economics and Politics of the Russian Transition (203356)

Maxim Boycko

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

The course covers the transformation of Russia from "mature socialism" of the early days of Mikhail Gorbachev to the present-day mix of market economics and authoritarian politics under Vladimir Putin. After introducing the basic concepts of capitalism, socialism, and transition the course focuses on Russia' s key economic and political reforms. Additional topics include the Russian energy sector, oligarchs, corruption, and Putin's foreign policy. Students will have reading assignments twice a week, participate in classroom discussions, make an oral presentation, prepare an empirical note, and take midterm and final exams.

Recommended Prep: **Prerequisites: Ec10a, Ec10b or equivalents; and Stat104 or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

Economics 1030

Psychology and Economics (114133)

Tomasz Strzalecki

Andrei Shleifer

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Psychological concepts include bounded rationality, loss-aversion, overconfidence, confirmation bias, and motivated reasoning. Economic concepts include rational choice, utility maximization, Bayesian beliefs, and game theory. The second part covers applications, including intertemporal choice, financial markets, news media, and advertising.

Recommended Prep: **Ec 10a and Ec 10b and knowledge of univariate calculus.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences

Economics 1033

The Economics of Networks (160360)

Benjamin Golub

2020 Spring (4 Credits) **Schedule:** F 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 100

Social and economic networks are an essential part of the fabric of modern life. Some examples: the complex trading networks that underlie modern financial markets and supply chains; social media platforms; networks of personal connections that help people find jobs. These networks profoundly affect the economy and society more broadly: for instance, financial interdependencies are critical in economic crises, while rumors on Twitter have come to play a central role in our politics. How can we make sense of these phenomena—as individuals, within companies, and as policymakers? This seminar teaches models from the economics and statistics of networks that are essential to the task. Topics include the diffusion of information and rumors, racial segregation, and the network origins of recessions. We emphasize how network models relate to key ideas from microeconomics. For a sense of the course, see reviews of Econ980O: this course will focus on similar material without the project component.

Recommended Prep: **Stat 110, Applied Math 101, Math 154, or equivalent; Ec 1010/1011a**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Social Sciences

Economics 1042

Sports Economics (211392)

Judd Cramer

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 80

This course will apply economic principles from game theory, labor economics, and econometrics to analyze a wide range of issues primarily in the realm of professional sports and collegiate athletics rigorously with a focus on causality. Topics include: the hot hand; expansion and rival leagues; franchise relocation and venue construction; revenues from merchandising, broadcast rights and their distribution; free agency, arbitration, and salary caps; player development through amateur drafts and minor leagues; NCAA rules on scholarships and eligibility; in-game strategy; and financial aspects of collegiate athletic programs. Class discussion, problem sets, and an exam will form the bulk of the course requirements. Readings will draw upon a variety of sources, including Andrew Zimbalist's Baseball and Billions, Robert Frank and Phil Cook's The Winner-Take-All Society, and newspaper, magazine and academic journal articles.

Recommended Prep: **Econ 1010a, Stat 104, Concurrent Enrollment in econometrics (Previous completion recommended**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students

Economics 1050

Strategy, Conflict, and Cooperation (123893)

Robert Neugeboren

2020 Spring (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Game theory is the study of interdependent decision-making. In the early days of the cold war, game theory was used to analyze an emerging nuclear arms race; today, it has applications in economics, psychology, politics, the law and other fields. In this course, we will explore the "strategic way of thinking" as developed by game theorists over the past sixty years. Special attention will be paid to the move from zero-sum to nonzero-sum game theory. Students will learn the basic solution concepts of game theory -- including minimax and Nash equilibrium -- by playing and analyzing games in class, and then we will take up some game-theoretic applications in negotiation settings: the strategic use of threats, bluffs and promises. We will also study the repeated prisoner's dilemma and investigate how cooperative behavior may emerge in a population of rational egoists. This problematic -- "the evolution of cooperation" -- extends from economics and political science to biology and artificial intelligence, and it presents a host of interesting challenges for both theoretical and applied research. Finally, we will consider the changing context for the development of game theory today, in particular, the need to achieve international cooperation on economic and environmental issues.

The course has two main objective: to introduce students to the fundamental problems and solution concepts of noncooperative game theory; and to provide an historical perspective on its development, from the analysis of military conflicts to contemporary applications in economics and other fields. No special mathematical preparation is required.

Recommended Prep: **Economics 10a**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences

Economics 1052

Game Theory and Economic Applications (111817)

Shengwu Li

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Game theory is a mathematical method for analyzing strategic situations. It deals with situations in which multiple people must make interdependent decisions, such as chess, poker, bargaining, oligopoly pricing, and warfare. Topics include strategic-form and extensive-form games, rationalizability, Nash equilibrium, and subgame-perfect equilibrium. We will study applications such as long-term cooperation, auctions, mechanism design, and division of treasure between pirates.

Course Notes: **Students may not take both Economics 1051 and Economics 1052 for credit.**

Recommended Prep: **The only formal prerequisite for this course is Mathematics 21a. Students should have a strong grasp of calculus, basic probability theory, and some exposure to proofs. No prior knowledge of game theory is necessary.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Economics 1057

Game Theory with Applications to Social Behavior (203555)

Erez Yoeli

Moshe Hoffman

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** 40

Game theory is the formal toolkit for analyzing situations in which payoffs depend not only on your actions (say, which TV series you watch), but also others' (whether your friends are watching the same show). You've probably already heard of some famous games, like the prisoners' dilemma and the costly signaling game. We'll teach you to solve games like these, and more, using tools like Nash equilibrium, subgame perfection, Bayesian Nash equilibrium, and the one-shot deviation principle.

Game theory has traditionally been applied to understand the behavior of highly deliberate agents, like

heads of state, firms in an oligopoly, or participants in an auction. However, we'll apply game theory to social behavior typically considered the realm of psychologists and philosophers, such as why we speak indirectly, in what sense beauty is socially constructed, and where our moral intuitions come from.

Each week, students are expected to complete a problem set, to read 2-3 academic papers, and to complete a 1-2 page response to short essay questions ('prompts') on these readings. All assignments can be completed in groups of two. Tutorials are not required but are highly recommended for students without a substantial background, especially in math. There will also be a final exam.

Class Notes: **Fall 2019 First Meeting Location:**
Sever Hall 113 from 9:00 AM - 10:15 AM:
- Tuesday, September 03, 2019,
- Thursday, September 05, 2019

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 1058

Experimental Economics (203779)

Lucas Coffman

2019 Fall (4 Credits) **Schedule:** W 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This class is an introduction to experimental methods, particularly those developed by Economics. We will discuss in detail all of the steps of an experiment, from design, measurement and randomization, to cost and power analyses. This is strictly a methods course; the experiments we discuss are chosen to give a broad understanding of experimental methods, not a foundation of famous experimental results. Similarly, when we discuss a topic, for example experiments in incentives, the discussion will not be centered on how to optimally incentivize employees, but rather, how to design a careful, controlled experiment to precisely understand how your employees respond to incentives you think might be appropriate.

There are two main value-addeds from this course. First, you will be equipped to design and run an experiment to answer important questions (whether those questions are academic or for the purpose of an organization for which you are working). Second, in understanding what the optimal experimental design should look like, you will be armed with better lenses through which to view naturally existing data. That is, contrasting the process that produced the naturally existing data with a hypothetical experimental design, you will be able to better judge the faults, and systematic biases, that will affect the data to which you have access.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Economics 1078

Analyzing Education Policy (204433)

Michela Carlana

2020 Spring (4 Credits) **Schedule:** TR 1015 AM - 1130 AM

Instructor Permissions: Instructor **Enrollment Cap:** 10

This course examines a variety of education policy issues in the United States and abroad, with an emphasis on rigorous econometric evaluation of such policies. By the course's end, students should have an analytical framework that allows them to think clearly about the impacts of education policies, as well as be able to distinguish good research from bad. The first half of the course reviews important empirical techniques in the context of broad questions, such as whether people make educational decisions by weighing benefits and costs and whether education improves students' long-term outcomes. The second half of the course centers on debates in which teams of students will argue for a given policy proposition and I will argue against it, with the aim of sharpening everyone's arguments on the basis of existing empirical evidence. . Prerequisites: Familiarity with regression analysis and causal inference, or permission of the instructor.

Class Notes: **This course will take place in Rubenstein 304 (review Friday 10:15-11: 30am in HKS Littauer 280).**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences

Economics 1080 Section: 1

Great Theorems of Microeconomic Theory (160362)

Jerry Green

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course surveys the most important results in microeconomics that have shaped the field in the years since WWII. It has two objectives: (i) To understand how the questions were posed, who the innovative researchers were, and what external influences drove them to approach the subject as they did. This ¼ of the course is the modern history of micro-economic thought. (ii) The major results themselves. This ¾ of the course is quite technical. The lectures will explain and introduce these results in their historical context, and provide the mathematical background. Class participants will present proofs of the results in section.

The major theorems covered come from choice theory under certainty and uncertainty, general equilibrium theory, non-cooperative game theory, cooperative game theory, social choice, and the economics of incentives and mechanism design.

Course requirements comprise three papers and one end-of-term take home exam. Section presentations will also be a component of the grade.

Class Notes: **For directions to the Lowell House classrooms, please visit the FAS Registrar's website.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students

Economics 1084

The Causes and Consequences of Inequality (213427)

David Deming

2019 Fall (4 Credits) **Schedule:** W 0415 PM - 0700 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Why has earnings inequality in the U.S. and other developed countries increased so much since the 1970s? What are the consequences of rising inequality, and what can we do about it? This course provides an overview of what social science has to say about the causes and consequences of inequality, and engages students in a critical and balanced discussion of the positive and normative issues concerning rising inequality. Example topics include: 1) the key role of education and skills in rising inequality among the "99 percent"; 2) inequality in childhood and family environments, including schooling; 3) the role of changes in economic institutions such as unionization and the minimum wage; 4) rising wealth inequality, taxation and capital mobility; 5) global issues in inequality, including outsourcing, immigration and trade. We will also consider the consequences of rising inequality for political and social institutions in the U.S. and around the world, including (for example) political capture by elites and preferences for redistributive social policy. Course assignments will ask students to analyze and develop policy solutions for addressing rising inequality in the U.S. and around the world.

Course Notes: **This course is offered jointly with HKS as SUP-206.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 1088

Financial Markets for the Poor (213522)

Emily Breza

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

1.7 billion adults around the world do not have access to a financial account. Why has it been so challenging to reach this population? What financial product innovations have worked for banking poor customers? How do the underbanked make do without access to the formal financial market? This course investigates the functioning of the financial market for low income populations, with a focus on developing countries. Example topics include: 1) the link between financial market development and economic growth; 2) financial literacy and consumer protection; 3) savings; 4) credit; 5) insurance; 6) mobile banking and digital payments. The course will cover relevant economic principles, business case studies, product design experiments, and research papers.

Recommended Prep: **Ec 10A**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 1123

Introduction to Econometrics (123033)

Gregory Bruich

2020 Spring (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to multiple regression techniques with focus on economic applications. Discusses extensions to discrete response, panel data, and time series models, as well as issues such as omitted variables, missing data, sample selection, randomized and quasi-experiments, and instrumental variables. Also develops the ability to apply econometric and statistical methods using computer packages.

Course Notes: **Students may take both Economics 1123 and Statistics 139 for credit. However, Statistics 139 will not count as the econometrics requirement for the economics concentration. Also, Economics 1123 may not be taken for credit if taken after Economics 1126, but credit will be given for both courses if Economics 1123 is taken first.**

Recommended Prep: **Statistics 100 and 104.**

Additional Course Attributes:

Attribute	Value(s)
Quantitative Reasoning with Data	Yes
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 1123

Introduction to Econometrics (123033)

James H. Stock

2019 Fall (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to multiple regression techniques with focus on economic applications. Discusses extensions to discrete response, panel data, and time series models, as well as issues such as omitted variables, missing data, sample selection, randomized and quasi-experiments, and instrumental variables. Also develops the ability to apply econometric and statistical methods using computer packages.

Course Notes: **Students may take both Economics 1123 and Statistics 139 for credit. However, Statistics 139 will not count as the econometrics requirement**

for the economics concentration. Also, Economics 1123 may not be taken for credit if taken after Economics 1126, but credit will be given for both courses if Economics 1123 is taken first.

Recommended Prep: **Statistics 100 and 104.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam
Quantitative Reasoning with Data	Yes
FAS Divisional Distribution	Social Sciences

Economics 1126

Quantitative Methods in Economics (113637)

Elie Tamer

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Topics include conditional expectations and its linear approximation; best linear predictors; omitted variable bias; panel data methods and the role of unobserved heterogeneity; instrumental variables and the role of randomization; various approaches to inference on causal relations.

Course Notes: **Economics 1123 may not be taken for credit if taken after Economics 1126, but credit will be given for both courses if Economics 1123 is taken first.**

Students who fulfill the econometrics requirement with Economics 1126 and who intend to pursue Honors should note that the Honors exam assumes knowledge of the material covered in Economics 1123.

Recommended Prep: **Math 18, 21a, Applied Math 21a.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
Quantitative Reasoning with Data	Yes

Economics 1310

The Economy of China (107811)

Richard Cooper

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course critically examines China's remarkable economic performance in the post-Mao era and places this performance in historical and comparative context. Topics covered include China's economic

structure, institutions, inequality, trade, population, and public policy.

Course Notes: **Writing requirement: A research paper is required. This course meets the concentration writing requirement.**

Recommended Prep: **Ec 10a and Ec 10b.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Social Sciences

Economics 1342

The History of Economic Growth (160351)

Melissa Dell

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course examines the history of economic growth, beginning with the divergence between human ancestors and other primates and continuing through the end of the 20th century. Topics covered include the Neolithic Revolution; economic growth in ancient societies; the origins of modern economic growth; theories and evidence about the institutional, geographic, and cultural determinants of growth; the East Asian Miracle; the middle income trap; the political economy of growth; growth and inequality; and theories and evidence about the persistence of poverty in the world's poorest regions.

Prerequisite: Economics 1010a (1011a)

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Social Sciences

Economics 1393

Poverty and Development (118764)

Nathan Nunn

2020 Spring (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

We will consider a number of important questions in the field of development economics: Why are some countries so rich and others so poor? What factors have determined which countries prosper? Which are the root causes and which are the proximate causes of economic underdevelopment? Can these factors be changed with specific economic policies? If so, what are they and how are they best implemented? Are there country-specific characteristics that determine economic fate? Or, is prosperity just the result of

luck? Does the enjoyment of the rich somehow depend on the continuing suffering of the poor? We will consider these questions and more. The course is intended to not only provide a general overview of the dominant views about economic development and policy, but to also provide students a sense of the most recent research in the field. For this reason, the course will go beyond the usual textbook summary of the field. Students will also examine recent journal articles that have made important contributions to the field of development economics. In the course, a particular effort is made to link the theories and empirical evidence to the real world.

Course Notes: **Writing requirement: A research paper is required. This course meets the concentration writing requirement. Instructor's permission is required.**

Recommended Prep: **Economics 1010a1, 1010a2, (or 1011a) and 1010b (or 1011b). It is recommended that students have taken Economics 1123 or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Economics 1410

Public Economics: Designing Government Policy (117818)

Stefanie Stantcheva

Stan Veuger

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An economic analysis of government policy in market economies. Examines efficiency and equity arguments for government intervention, alternative tax systems, multilevel government, and empirical evidence on taxes and government programs, particularly old-age, health care, and other social insurance programs.

Course Notes: **Students should have some knowledge of basic calculus and statistics, but there is no formal mathematics prerequisite. Offered jointly with the Kennedy School as SUP-125. This course offers an optional writing requirement which if completed will satisfy the concentration writing requirement.**

Recommended Prep: **Economics 1010a1, 1010a2, or 1011a, or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Economics 1415

Analytic Frameworks for Policy (107613)

Richard Zeckhauser

2019 Fall (4 Credits) **Schedule:** TR 1015 AM - 1130 AM

Instructor Permissions: Instructor **Enrollment Cap:** 3

This course develops abilities in using analytic frameworks in the formulation and assessment of public policies. It considers a variety of analytic techniques, particularly those directed toward uncertainty and interactive decision problems. It emphasizes the application of techniques to policy analysis, not formal derivations. Students encounter case studies, methodological readings, modeling of current events, the computer, a final exam, and challenging problem sets.

Course Notes: **Jointly offered with the Kennedy School as API-302.**

Class Notes: **Course will take place at HKS in L-230.**

Recommended Prep: **Economics 1011a or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 1420

American Economic Policy (123003)

Lawrence H. Summers

Jeffrey Liebman

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Analyzes major issues in American economic policy including taxation, Social Security, health care reform, budget policy, monetary and fiscal policy, and exchange rate management. Current economic issues and policy options discussed

Course Notes: **Offered jointly with the Kennedy School as API-126. This course offers an optional writing requirement which if completed will satisfy the concentration writing requirement.**

Recommended Prep: **Economics 1010a1, 1010a2, or 1011a, or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 1425

Political Economics (125716)

Andrei Shleifer

2020 Spring (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Discusses several research areas in political economy, including the origins of the state, comparative political systems, theories of economic reform, fiscal problems in democracies, rule of law, privatization, and regulation.

Course Notes: **A research paper is required. This course meets the concentration writing requirement.**

Recommended Prep: **Economics 1010a1, 1010a2, or 1011a.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students

Economics 1432

Economics of European Integrations (127519)

Hans-Helmut Kotz

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 40

The aim of the course is to give students familiarity with a broad range of European policy issues: integration of markets (for goods, services, and labor), monetary union (ECB) and its consequences for fiscal policy, financial sector regulation as well as supervision. It is offered for students who would like to employ the tools they have learned in principles of economics and introductory micro and macro courses on real world cases. This implies to write and present a paper (mandatory writing requirement).

Course Notes: **Writing requirement: A research paper is required. This course meets the concentration writing requirement.**

Recommended Prep: **Ec 10a and Ec 10b.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Economics 1436 Section: 1

Economics and Morality (211204)

Benjamin Enke

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Questions related to morality pervade the economic and political discourse. However, traditionally, economists have paid little attention to the structure and consequences of people's moral concerns. This course introduces students to research in an emerging field that studies the determinants and consequences of heterogeneity in moral reasoning through the lens of economics. The main objective of the class is to highlight (i) how moral reasoning matters for economic and political outcomes, and (ii) how economic needs in turn generate particular moral systems. To understand the bidirectional relationship between economics and morality, we will study empirical research papers that consider questions such as: What is the difference between universalizing and relational approaches to moral reasoning, and how do these matter for economics? How do Americans' moral intuitions vary across space and over time? What is the role of moral values in U.S. presidential elections, or for policy preferences related to redistribution? Why do Republicans and Democrats give to different types of charities? What are the functional economic origins of morality? How and why are moral systems culturally variable? From a methodological viewpoint, the class uses standard empirical economics techniques to study morality-related concepts and ideas from psychology and anthropology.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam

Economics 1450

The Political Economy of Religion (107425)

Robert Barro

Rachel McCleary

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The study of the political economy of religion is grounded in two intellectual strands of thought developed in economics and sociology. The economic approach views religious competition and church-state relations as market phenomena. The absence of state religion allows for competition, thereby creating an environment for a plurality of religious faiths in society.The continual subdividing of religion into sects ensures an open and competitive market whereby no one single religion dominates.The sociological approach focuses on religious beliefs and activities as rational choices as well as cultural phenomena.Religious beliefs are a part of cultural traits, values, and organizations which contribute to economic outcomes. As in commercial activity, people respond to religious costs and benefits in a predictable, observable manner. Religious beliefs that promote hard work, thrift, and honesty can be found across the world's major religions. The key question is: How does a society promote these values and in what circumstances does it, intentionally or unintentionally, discard them? People choose a religion (the theory of sects) and the degree to which they participate and believe (if at all). In this course we discuss a wide range of topics--religious competition, secularization (and its varieties), pluralism and tolerance, the structure of religious organizations, religion and individual behavior—that highlight the contributions and areas of further research in the field of political economy of religion.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Economics 1460 Section: 1

Economics of Health Care Policy (122492)

Joseph P. Newhouse

2019 Fall (4 Credits) **Schedule:** MW 0845 AM - 1000 AM

Instructor Permissions: Instructor **Enrollment Cap:** 10

Policy issues related to the following: the demand for medical care services, especially as a function of insurance; the demand for insurance and issues of selection; reimbursement policies of Medicare and other payers toward health plans, hospitals, and physicians; effects of health maintenance organizations and managed care; and malpractice and tort reform. Focus on federal policy, although state and local perspectives will receive some attention.

Course Notes: **Students may not take both Economics 1460 and Quantitative Reasoning 24: Health Economics and Policy for credit. Offered jointly with the Kennedy School as SUP-572.**

Recommended Prep: **Economics 1010a or 1011a. A statistics course is highly desirable.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 1530

International Monetary Economics (111378)

Richard Cooper

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This is an intermediate level international finance and macroeconomics course that uses a mix of theoretical, empirical and policy frameworks to analyze topical problems in international finance. The topics include exchange rate determination, currency interventions, monetary policy coordination, capital flows and currency crises.

Course Notes: **Writing requirement: A research paper is required. This course meets the concentration writing requirement. May not be taken for credit with Economics 1531.**

Recommended Prep: **Economics 1010b or 1011b.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Economics 1535

International Trade and Investment (111749)

Pol Antras

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Analyzes the causes and consequences of international trade and investment. Focuses on the interplay of economic theory and empirical descriptions of foreign trade and direct investment patterns.

Recommended Prep: **Economics 1010a1, 1010a2, or 1011a.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students

Economics 1545

International Financial and Macroeconomic Policy (111477)

Kenneth Rogoff

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Advanced theoretical and empirical analysis of contemporary international macroeconomic policy issues in both industrialized and developing economies. Topics include exchange rates, international capital flows, debt crises, growth, and policy coordination.

Requirements: **Prerequisite: Econ 1010b OR Econ 1011b**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students

Economics 1550

International Macroeconomics (116356)

Jeffrey Frankel

2020 Spring (4 Credits) **Schedule:** TR 0245 PM - 0400 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

This course deals with the macroeconomics of open economies. Topics include the foreign exchange market, devaluation, and import and export elasticities; the simultaneous determination of the trade balance, national income, the balance of payments, money flows and price levels; capital flows in internationally integrated financial markets; monetary and fiscal policy in open economies, including at the Zero Lower Bound for interest rates; crises; international macroeconomic interdependence and policy coordination; supply relationships, inflation, and nominal anchors for monetary policy; currency unions; the determination of exchange rates in international money markets; and international portfolio diversification.

Course Notes: **Offered jointly with HKS as BGP-620.**

Class Notes: **Course will take place at HKS, Rubenstein 306.**

Recommended Prep: **Economics 1010a (or 1011a) and 1010b (or 1011b).**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students

Economics 1640

Industrial Organization: Theory and Applications (116133)

Robin Lee

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Theoretical and empirical analysis of contemporary topics in industrial organization. Topics may include the determinants of market structure and equilibrium; price competition; collusion, horizontal and vertical relationships and mergers (with applications to antitrust policy); innovation and intellectual property rights; network externalities and platform (two-sided) markets; and issues in auctions and market design. Prerequisite: Ec1010a or 1011a

Course Notes: **Students may not take both Economics 1640 and Economics 1642 for credit.**

Recommended Prep: **Economics 1010a1, 1010a2, or 1011a.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam

Economics 1642

Advanced Industrial Organization (124646)

Pierre Dubois

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course studies firms, markets and competition. We will study the theory of industrial organization, focusing on analyzing the way firms make decisions, as well as the impact of those decisions on market outcomes such as market prices, quantities, the type of products offered and social welfare. The fundamental questions addressed in this course include: Why are markets organized the way they are? How does market organization affect firm behavior, such as firm production or pricing? How does the behavior of firms in turn affect the market structure, such as the number of firms or the range of products offered? We will use formal models in order to address these questions. The goals of the course include the development of intuition for firm strategic behavior, such as pricing, as well as the development of skills for the analysis of formal models. The textbook will provide background and introduction to a variety of topics, many of which will be covered in class in greater depth. Lectures (along with problem sets) will be the core of the course.

Course Notes: **Ec 1640 and Ec 1642 may not both be taken for credit.**

Optional writing Requirement: This course offers an optional writing requirement which if completed will satisfy the concentration writing requirement. This is a hands-on course, and students will be expected to use Stata or other statistical software to perform data analysis.

Recommended Prep: **Economics 1010a1, 1010a2, or 1011a**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences

Economics 1661

Economics of Climate Change and Environmental Policy (111261)

Robert Stavins

2020 Spring (4 Credits) **Schedule:** MWF 0115 PM - 0230 PM

Instructor Permissions: Instructor **Enrollment Cap:** 95

Provides a survey, from the perspective of economics, of environmental and natural resource policy. Combines lectures on conceptual and methodological topics with examinations of public policy issues.

Course Notes: **Offered jointly with the Kennedy School as API-135.**

Recommended Prep: **Ec 10a and Ec 10b or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students

Economics 1723

Capital Markets (111105)

Xavier Gabaix

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 80

An introduction to the economic analysis of investment decisions and financial markets. Concepts include time discounting, market efficiency, risk, and arbitrage. These concepts are applied to fixed-income securities, equities, and derivative securities.

Recommended Prep: **Statistics 100 and Economics 1010a1, 1010a2, or 1011a.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Economics 1745

Corporate Finance (117237)

Ilias Papaioannou

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to corporate finance, including capital budgeting, capital structure of firms, dividend policy, corporate governance, and takeovers. Prerequisites for this course include Economics 1010a1, 1010a2, or 1011a, Mathematics 18, and Statistics 100.

Recommended Prep: **Economics 1010a1, 1010a2, or 1011a, Mathematics 18, and Statistics 100.**

Requirements: **Prerequisite: (ECON 1010A AND ECON 1010B) OR (ECON 1011A AND MATH 18 AND STAT100)**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 1746 Section: 01

The Financial Crisis and the Great Recession (207618)

Karen Dynan

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will explore what lessons we can draw from the experience of the U.S. economy during the financial crisis and Great Recession. We will look at research on what factors precipitated the boom and bust in the housing market and how the resulting mortgage crisis rippled through the global financial system and ultimately generated the most severe economic downturn since the Great Depression. We will learn not only about the macroeconomic consequences of these events but also about the high human costs. We will analyze the policies the government used to stabilize the financial system, mitigate foreclosures, and provide fiscal and monetary support to the economy. The course will conclude by considering the lessons in the context of the current state of the U.S. economy, with an emphasis on what we will need to do to fight the next economic downturn.

Recommended Prep: **Ec1011b and Ec1010b**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students

Economics 1776

Religion and the Rise of Capitalism (125944)

Benjamin Friedman

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Examines the influence of religious thinking on the intellectual revolution, associated with Adam Smith and others, that created economics as we know it as an independent discipline; also examines how the lasting resonances from these early religious influences continue to shape discussion of economic issues and debates about economic policy down to our own day.

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Economics 1818

Economics of Discontinuous Change (112195)

Richard Freeman

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 40

Explores discontinuous changes in the economic position of groups and countries and presents mathematical and computer simulation models designed to illuminate these changes. Examples include

growth/decline of trade unions, segregation of groups, development of linkages on the internet, changes in corporate work culture, growth of social pathologies in neighborhoods, and Malthusian concerns about the environment. Models include nonlinear simulations, neural networks, finite automata, evolutionary stable strategies, causal conjunctures, agent-based simulations, and genetic algorithms.

Course Notes: **Writing requirement: A research paper is required. This course meets the concentration writing requirement. Students should have some mathematical background, but there is no prerequisite.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 1936

Keynes (107388)

Stephen Marglin

2019 Fall (4 Credits) **Schedule:** TR 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course explores the birth, death, and resurrection of The General Theory of Employment, Interest and Money from the Great Depression (1929-1939) to the Great Recession (2008-?). A major goal is to lay out a coherent argument that, for all its theoretical innovation, The General Theory did not deliver: the argument why a market system, even an idealized system with all of the warts removed, may fail to provide jobs for willing workers. In the process we will examine the orthodoxy that Keynes attacked and that resurfaced in the 1960s and 70s; the key concepts underlying the models implicit in The General Theory; and the attempts of the Keynesian mainstream to make peace with both Keynes and orthodoxy. We will also explore the applicability of The General Theory to the long run. A final section will view the present economic difficulties through a Keynesian lens.

Recommended Prep: **Economics 1010b or 1011b, or permission of instructor; a year of college calculus allowing students to understand mathematical notation and concepts (derivatives, maximization, etc.) even though mathematics will be used very sparingly.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Economics 2000

Research Paper (113716)

Jeffrey A. Miron

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Intended to fulfill the Research Paper Requirement for the PhD degree in Economics.

Course Notes: **Ordinarily, this course is taken during the fall term of the third year of graduate study.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Economics 2000

Research Paper (113716)

Jeffrey A. Miron

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Intended to fulfill the Research Paper Requirement for the PhD degree in Economics.

Course Notes: **Ordinarily, this course is taken during the fall term of the third year of graduate study.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Economics 2001

Reading and Research (113088)

Jeffrey A. Miron

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work or work in small groups (with a professor or lecturer in residence) in preparation for the general examination for the PhD degree, or work on special topics not included in course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Economics 2001

Reading and Research (113088)

Jeffrey A. Miron

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work or work in small groups (with a professor or lecturer in residence) in preparation for the general examination for the PhD degree, or work on special topics not included in course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Economics 2010A

Economic Theory (124134)

Edward Glaeser

Eric Maskin

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Covers the theory of individual and group behavior. Topics include consumer theory, producer theory, behavior under uncertainty, externalities, monopolistic distortions, game theory, oligopolistic behavior, and asymmetric information.

Course Notes: **Enrollment is limited to students in the Economics, Business Economics, and PEG PhD programs.**

Recommended Prep: **Mathematics 116 or equivalent; can be taken concurrently.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences
FAS: Final Assessment Category	Three-hour Exam

Economics 2010B

Economic Theory (124139)

Jerry Green

Oliver Hart

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Topics include social choice theory, signaling, mechanism design, general equilibrium, the core, externalities, and public goods.

Recommended Prep: **Economics 2010a.**

Requirements: **Prerequisite: Economics 2010A**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 2010C

Economic Theory (111213)

Robert Barro

David Laibson

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Topics include discrete-time and continuous-time dynamic programming, consumption, investment, economic growth, and business cycles.

Course Notes: **Enrollment is strictly limited to PhD students in the Economics Department, Business Economics program, and PEG program. Qualified Harvard undergraduates may also enroll. No other students may take the course for credit or as auditors.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 2010D

Economic Theory (159639)

Emmanuel Farhi

Kenneth Rogoff

2020 Spring (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

A basic course in graduate macroeconomics, including models of business fluctuations, analyses of monetary and fiscal policy, and introduction to open economy macroeconomic issues.

Course Notes: **Enrollment is strictly limited to PhD students in the Economics Department, Business Economics program, and PEG program. Qualified Harvard undergraduates may also enroll. No other students may take the course for credit or as auditors. Mathematics 116 or the equivalent; can be taken concurrently.**

Recommended Prep: **Mathematics 116 or the equivalent; can be taken concurrently.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students

Economics 2020A

Microeconomic Theory I (112942)

Maciej Kotowski

2019 Fall (4 Credits) **Schedule:** MW 0830 AM - 0945 AM

Instructor Permissions: Instructor **Enrollment Cap:** 55

A comprehensive course in economic theory designed for doctoral students in all parts of the university. Topics include consumption, production, behavior toward risk, markets, and general equilibrium theory. Also looks at applications to policy analysis, business decisions, industrial organization, finance, and the legal system. Undergraduates with appropriate background are welcome, subject to the instructor's approval.

Class Notes:

Final Exam -

Date: Tuesday, December 17th, 2019Time: 9:00 a.m. – 12:00 p. m.

Location at HKS: TBD

Recommended Prep: **Multivariate calculus and one course in probability theory. Thorough background in microeconomic theory at the intermediate level.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Economics 2020B

Microeconomic Theory II (113615)

Christopher Avery

Elon Kohlberg

2020 Spring (4 Credits) **Schedule:** MW 0830 AM - 0945 AM

Instructor Permissions: Instructor **Enrollment Cap:** 55

A continuation of Economics 2020a. Topics include game theory, economics of information, incentive

theory, and welfare economics.

Course Notes: **Offered jointly with the Kennedy School as API-112 and with the Business School as 4011.**

Requirements: **REQ; Economics 2020b**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Economics 2030

Psychology and Economics (119960)

David Laibson

Andrei Shleifer

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Explores economic and psychological models of human behavior. Topics include bounded rationality, intertemporal choice, decision making under uncertainty, inference, choice heuristics, and social preferences. Economic applications include asset pricing, corporate finance, macroeconomics, labor, development, and industrial organization.

Course Notes: **Primarily for graduate students but open to undergraduates.**

Recommended Prep: **Knowledge of multivariable calculus and econometrics.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 2034

Networks (204015)

Benjamin Golub

2020 Spring (4 Credits) **Schedule:** F 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This course prepares students for pure and applied research in the economic theory of networks. Topics covered include the macroeconomic network of production and trade; games of investment with social spillovers (education, criminal activity); financial contagion and other externalities; diffusion of beliefs and behaviors; segregation and homophily; and networked markets. The course emphasizes portable methods, including the linear algebra behind centrality measures; random graph theory; branching processes; power laws and Pareto tails. Prerequisites: basic microeconomic theory at the level of Econ 2010a,b; probability at

the level of an advanced undergraduate course.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Economics 2035

Psychology and Economic Theory (156371)

Matthew Rabin

2019 Fall (4 Credits) **Schedule:** F 0130 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course explores ways that psychological research indicating systematic departures from classical economic assumptions can be translated into formal models that can be incorporated into economics. Topics include ways utility theory can be improved--such as incorporating reference dependence, news utility, social preferences, self image, and other belief-based tastes--and ways we can relax assumptions of perfect rationality--such as incorporating focusing effects, limited attention, biased prediction of future tastes, present-biased preferences, biases in probabilistic judgment, and errors in social inference. The course will emphasize (a) careful interpretation and production of new evidence on relevant departures,(b) formalizing this evidence into models that can, with discipline and rigor, generate sharp predictions using traditional economic approaches, and (c) exploring economic implications of those models presented. Although we will primarily emphasize (b), the course is meant to be useful to students whose interests lie anywhere in this spectrum, under the premise that all such research will be improved by a greater appreciation of the full spectrum. The course is intended for PhD students in the Business Economics and Economics programs and others who have a solid background in microeconomic theory at the level of introductory PhD courses in these programs. While obviously appropriate to those wishing to specialize in "behavioral economics", the course is also designed for those interested in doing research in particular fields of economics. And while the course centers on theoretical models (learning and evaluation will center around solving formal problem sets), the theory is focused towards its empirical implementability and economic relevance, so that the course is also designed for those interested in theory-influenced empirical research.

Course Notes: **This course is cross listed with HBS as HBSDOC 4155.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences

Economics 2040

Experimental Economics (123849)

Benjamin Enke

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This course provides an introduction to experimental methods and their applications in economics. We will focus on (i) the use of lab experiments in establishing causal effects, testing models, and illuminating mechanisms; (ii) field experiments in behavioral economics; and (ii) the measurement of preference parameters and behavioral traits in lab-in-the-field settings. Topics include bounded rationality, wishful thinking, moral values and social image concerns, gender, the measurement of preferences in lab and large-scale survey settings, and the explanatory power of behavioral traits for field behaviors. We will cover methodological topics including the relationship between experiments and theory, simple process-tracing techniques, internet experiments, and surveys. Students will become acquainted with the full process of designing an experiment, and class discussions will place heavy emphasis on the development of early-stage research ideas. The course is intended not just for those with an interest in behavioral and experimental economics per se, but also for those who wish to measure behavioral parameters in non-lab settings in applied work or to conduct field experiments.

Course Notes: **Open to undergraduates with permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Economics 2050

Behavioral Economics, Law and Public Policy (110309)

Cass Sunstein

2019 Fall (4 Credits) **Schedule:** T 0100 PM - 0300 PM

Instructor Permissions: Instructor **Enrollment Cap:** 40

This seminar will explore a series of issues at the intersection of behavioral economics and public policy. Potential questions will involve climate change; energy efficiency; health care; and basic rights. There will be some discussion of paternalism and the implications of neuroscience as well.

Course Notes: **Offered jointly with the Kennedy School as API-305 and with the Law School at 2589.**

Recommended Prep: **Instructor permission is required. To apply for this course please send a letter of interest and current CV to Brenda Bee at bbee@law.harvard.edu by August 20, 2019.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences

Economics 2059

Decision Theory (121331)

Tomasz Strzalecki

2019 Fall (4 Credits) **Schedule:** F 0900 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course prepares students for pure and applied research in axiomatic decision theory. We start with a rigorous treatment of the classical topics that are at the heart of all of economics (utility maximization, expected utility, discounted utility, Bayesian updating, dynamic consistency, option value). We then delve into a number of modern topics inspired by the observed violations of the classical models ("exotic preferences" used in macro-finance, ambiguity aversion, temptation and self-control). The last part of the course explores the recently flourishing literature on stochastic choice (which is related to, but distinct from, discrete choice econometrics). Prerequisites: basic microeconomic theory at the level of Mas Colell, Whinston, Green; being comfortable with abstract models.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Economics 2060 Section: 1

Contract Theory (110708)

Oliver Hart

Daniel Barron

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Recent developments in contract theory. Includes hidden action and hidden information models, dynamic agency issues, incomplete contracts, and applications of contract theory to theories of the firm and corporate financial structure.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students

Economics 2071

Simplicity and Complexity in Economics (212938)

Shengwu Li

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Technology has enabled the emergence of economic systems of formerly inconceivable complexity. Nevertheless, some technology-related economic problems are so complex that either supercomputers cannot solve them in a reasonable time, or they are too complex for humans to comprehend. Thus, modern economic designs must still be simple enough for humans to understand, and must address computationally complex problems in an efficient fashion. This topics course explores simplicity and complexity in economics, primarily via theoretical models. We will focus on recent advances. Key topics include (but are not limited to) resource allocation in complex environments, communication complexity and information aggregation in markets, robust mechanisms, dynamic matching theory, influence

maximization in networks, and the design of simple (user-friendly) mechanisms. Some applications include paired kidney exchange, auctions for electricity and for radio spectrum, ride-sharing platforms, and the diffusion of information.

Course Notes: **This course will be open to high level undergrads with approval from instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences

Economics 2099 Section: 1

Market Design (110312)

Scott Kominers

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 50

This course explores the theory and practice of market design. Key topics include auctions, labor market matching, school choice programs, online markets, organ exchange systems, financial market design, and matching with contracts. The first half of the course will introduce market design and its technology; subsequent weeks will discuss recent papers alongside their classical antecedents.

Class Notes: **The first class Tuesday September 3rd will take place n the FAS campus in Littauer Center Room 300.**

Recommended Prep: **Prior graduate or advanced undergraduate course work in at least one of microeconomics, game theory, or algorithms will be useful, but is not strictly necessary.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 2110 Section: 1

Econometrics I (120668)

Gregory Bruich

2019 Fall (4 Credits) **Schedule:** MW 0115 PM - 0230 PM

Instructor Permissions: Instructor **Enrollment Cap:** 45

Economics 2110 and 2115 comprise a two-course sequence for first-year graduate students seeking training in econometric methods at a level that prepares them to conduct professional empirical research. Economics 2110 (fall) reviews probability and statistics, then covers the fundamentals of modern econometrics, with a focus on regression methods for causal inference in observational and experimental data. Prerequisites: undergraduate courses in probability and statistics, regression analysis, linear algebra,

and multivariate calculus.

Course Notes: **Enrollment limited to PhD candidates in economics, business economics, health policy, public policy, and political economy and government (PEG).**

Recommended Prep: **The two-course sequence is open only to qualified PhD students from HKS, HBS, GSE, and HSPH, but occasionally others may be admitted at the discretion of the instructor (if the instructor is convinced that such individuals can perform well and would not negatively affect the nature and pace of the course).**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students

Economics 2115

Econometric Methods II (205523)

Tim Layton

2020 Spring (4 Credits) **Schedule:** MW 0115 PM - 0230 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Economics 2110 and 2115 comprise a two-course sequence for first-year graduate students seeking training in econometric methods at a level that prepares them to conduct professional empirical research. Economics 2115 (spring) covers topics (different methods) in current empirical research. Faculty members from across the university will teach modules each covering a different method of causal inference, including but not limited to instrumental variables, panel data methods, and regression discontinuity and kink designs. The course will emphasize a mixture of theory and application, with problem sets focused on the replication or extension of recent papers utilizing these methods.

Course Notes: **This course is designed for PhD candidates in health policy, public policy, education policy, the Business School DBA program. Qualified undergraduates are also permitted to take the course with permission of the instructor.**

Recommended Prep: **Prerequisite: Economics 2110 or the equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Economics 2120 Section: 1

Principles of Econometrics (115026)

Elie Tamer

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Linear predictor as approximation to conditional expectation function. Least-squares projection as sample counterpart. Splines. Omitted variable bias and panel data. Bayesian inference for parameters defined by moment conditions. Finite sample frequentist inference for the normal linear model. Statistical decision theory and dominating least squares with many predictor variables; applications to estimating fixed effects (teacher effects, place effects) using panel data. Asymptotic inference in the generalized method of moments framework. Likelihood inference using information measures to define best approximations within parametric models. Instrumental variable models and the role of random assignment; applications include models of demand and supply and the evaluation of treatment effects.

Course Notes: **Enrollment is limited to PhD students in the Economics Department, Business Economics program, and PEG program. Other students wanting to enroll in the course should contact the instructor.**

Recommended Prep: **probability at the level of Statistics 110; linear algebra.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students

Economics 2140

Econometric Methods (120662)

Isaiah Andrews

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course continues the first year sequence in econometrics and covers a variety of topics and ideas that are important for pursuing and interpreting empirical research in economics. The first half of the course covers core econometric approaches that are important for a wide range of applications, including identification analysis, asymptotic approximations, large sample theory for estimation and hypothesis testing, and the bootstrap. The second part of the course examines a range of complementary topics and new developments, including reasons why canonical econometric methods may be unreliable (such as model misspecification, identification failure, and the incidental parameters problem) and extensions of and alternatives to the traditional econometric paradigm (such as partial identification, Bayesian inference, nonparametrics, and machine learning). Economic applications will be discussed throughout. Enrollment limited.

Recommended Prep: **Economics 2120 or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Economics 2142

Time Series Analysis (113904)

James H. Stock

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

A survey of modern time series econometrics. Topics include univariate models, vector autoregressions, linear and nonlinear filtering, frequency domain methods, unit roots, structural breaks, empirical process theory asymptotics, forecasting, and applications to macroeconomics and finance.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Economics 2148

Topics in Econometrics (110300)

Maximilian Kasy

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Economics 2148 will begin with a survey of the literature on identification using instrumental variables, including the re-interpretation of classic estimands as LATE, bounds on objects such as the ATE that are not point identified, conditional moment restrictions, and control function approaches.
The next part of class will cover some of the theoretical foundations of machine learning, including regularization and data-driven choice of tuning parameters. We will discuss in some detail the canonical normal means model, Gaussian process priors, (empirical) Bayes estimation, and reproducing kernel Hilbert space norms.

We will finally cover some selected additional topics in machine learning, including (deep) neural nets, text as data (topics models), multi-armed bandits, and data visualization.

Course Notes: **This course will take place in Sever Hall 209.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Economics 2325

Comparative Historical Economic Development (126819)

Nathan Nunn

2020 Spring (4 Credits) **Schedule:** F 0900 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

The course examines the historical origins of differences in the economic and social development of societies. Participants discuss recent research in the field and present their own work in progress.

Course Notes: **This course is targeted to second-year Ph.D. students in economics. It is not open to undergraduate or Masters students. The course fulfills the distribution requirement.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students

Economics 2326

Economic Development: Theory and Evidence (156605)

Dani Rodrik

Eliana Carranza

2019 Fall (4 Credits) **Schedule:** TR 1015 AM - 1130 AM

Instructor Permissions: Instructor **Enrollment Cap:** 10

This course aims to study theories of economic (under)development and scrutinize empirical evidence in order to glean insights to design development policy. The course will identify key features of the development process across countries, and develop an analytical framework, grounded in economic theory, to better understand these patterns. We will then apply our frameworks combined with rigorous empirical evidence to identify when and how public policies can enable economic growth and development. Macro topics include economic growth and its proximate determinants; resource misallocation, learning and coordination and their impacts on productivity; the impact of historical forces on the evolution of (political) institutions and the development process; and the effect of external influences on development. Micro topics include the determinants of and returns to investments in (health and education) human capital; credit markets, savings behavior, and the returns to financial capital; gender; behavioral economics in development; and governance and corruption. Grading will be based on a combination of short responses, technical assignments, a midterm, and a final

Recommended Prep: **Students are expected to have strong background in microeconomics and statistics, as well as reasonable facility with multivariable calculus**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students

Economics 2330

History and Human Capital (124933)

Lawrence Katz

Claudia Goldin

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Explores a range of subjects concerning human capital, historically and comparatively. Topics include fertility, mortality, health, immigration, women's work, child labor, retirement, education, inequality, slavery, unionization, and governmental regulation of labor, all within the broader context of economic history.

Course Notes: **Satisfies the graduate distribution requirement. Open to undergraduates on a limited basis with permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 2338

Behavioral Development Economics (160359)

Gautam Rao

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This graduate level course will focus on the intersection of two rapidly growing fields in economics - development economics, and behavioral economics. We will study applications of behavioral economics to development questions, and ask whether there is a special behavioral science of poverty and development. Methods covered will include field experiments, lab experiments, tests of theory and combining experiments with structural estimation.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 2360

The Microeconomics of Development (207641)

Emily Breza

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This course covers the microeconomic foundations of development economics. We will focus on market frictions that may hinder growth in developing countries. Topics include labor markets, land markets, and credit markets. We will also discuss the economics of the household and social networks. The course will use both theoretical and empirical tools.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Economics 2390

Development Economics (156645)

Michael Kremer

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will cover macro-economic topics including aggregate and non-aggregate growth models, models of technology diffusion and choice; topics in finance including financial development and economic growth, consumer finance; small and medium enterprise finance; debt and equity markets; the role of management and corporate governance; the political economy of finance, and corruption; and a range of topics on the role of population, culture, ethnicity, leaders, corruption in economic development, and the efficacy of industrial policy and foreign aid.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Economics 2410A

Macro-Finance: Rational and Behavioral (125372)

Xavier Gabaix

2019 Fall (4 Credits) **Schedule:** M 0600 PM - 0845 PM

Instructor Permissions: None **Enrollment Cap:** n/a

(1) Bounded rationality: we'll go over a behavioral version of basic microeconomics (consumer theory, Arrow Debreu), basic macroeconomics (real and monetary) and public economics.

(2) Macroeconomics with heterogeneity: we'll study how microeconomic shocks can generate macro fluctuations; network models in macro-finance; models of the income distribution.

(3) Finance: we'll study unified macro-finance models. First, with perfect financial markets: we'll review unified models of stocks, bonds, options and exchange rates. Second, with imperfect financial markets: we'll study how this sheds light on financial crises and currency movements. Time permitting, we'll review some behavioral finance, merging all three themes.
The course is geared toward two types of students, and has accordingly two tracks, "behavioral" and "finance", with corresponding emphasis in the homework and exam.

Class Notes: **The first two classes will take place in Littauer Center Hansen-Mason Room.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences

Economics 2412A

Political Economics (126666)

Alberto Alesina

2019 Fall (4 Credits) **Schedule:** T 0600 PM - 0845 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Discusses several research areas in political economy, including the origins of the state, comparative political systems, theories of economic reform, fiscal problems in democracies, rule of law, privatization, regulation, and elections and the economy.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 2414

Advanced Topics in Economic Growth (207939)

Philippe Aghion

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This class focuses on the theory and empirics of "economic growth". The class will follow a micro-to-macro approach and hence special emphasis will be given to firms and inventors to uncover the determinants of aggregate productivity growth. In addition to some classic papers, the class will mainly focus on recent research. Students will be encouraged to discuss the frontier topics in class and produce new and exciting research ideas.

Course Notes: **This is a 6 week course taught in the second half of the semester.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Economics 2416

Advanced Topics in Empirical Macroeconomics (207940)

Gabriel Chodorow-Reich

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

The course will explore topics in applied macroeconomics, with emphasis on the intersection of empirical analysis and theory. Topics may include monetary policy, fiscal policy, financial frictions, and labor markets. The course will present a variety of empirical methods, such as the narrative approach, VAR analysis, and the use of cross-sectional data in macroeconomics.

Course Notes: **This will be a 6 week long course taught in the first half of the semester.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 2450A

Public Economics and Fiscal Policy I (110660)

Stefanie Stantcheva

Nadarajan Chetty

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The course will focus on a range of topics in public economics including welfare estimation of tax and expenditure policies, including income and commodity taxation, public goods, education, and place-based policies. We will also discuss foundations for government intervention, including market failures such as externalities and asymmetric information. Throughout, the focus will be on using theoretical models to motivate empirical analyses to uncover the desirability of government intervention in the economy and to quantify the welfare impacts of such policies.

Requirements: **Prerequisite: (Economics 2010a AND Economics 2010b) OR (Economics 2020a AND Economics 2020b)**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences
FAS: Final Assessment Category	Three-hour Exam

Economics 2450B

Public Economics and Fiscal Policy II (118658)

Nathaniel Hendren

2020 Spring (4 Credits) **Schedule:** T 0600 PM - 0845 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The course will focus on a range of topics in public economics including welfare estimation of tax and expenditure policies, including income and commodity taxation, corporate taxation, public goods, education, and place-based policies. We will also discuss foundations for government intervention, including market failures such as externalities and asymmetric information. Throughout, the focus will be on using theoretical models to motivate empirical analyses to uncover the desirability of government intervention in the economy and to quantify the welfare impacts of such policies.

Recommended Prep: **Students are strongly encouraged to take Economics 2450a before taking 2450b.**

Requirements: **Prerequisite: (Economics 2010a AND Economics 2010b) OR (Economics 2020a AND Economics 2020b)**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam

Economics 2465

Health Economics (126074)

David Cutler

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 35

This course surveys topics in health economics. It touches on public sector issues, the industrial organization of health care markets, interactions between health and labor markets, and health in developing countries. Theory and empirical work are presented.

Course Notes: **A graduate level microeconomics class at the level of Economics 2010 or 2020 is required for enrollment. Students unsure about the adequacy of their background should contact the instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences

Economics 2530A

International Trade (113995)

Elhanan Helpman

2019 Fall (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Provides a broad overview of theory and evidence concerning international trade, direct foreign investment, and trade policy.

Course Notes: **Strongly recommended as preparation for Economics 2530b. Open to undergraduates only with permission of instructor.**

Requirements: **Prerequisite: Economics 2010a AND Economics 2010b**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 2532

Advanced Topics in International Macroeconomics, and Finance (160339)

Matteo Maggiori

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 35

The course investigates the effect of financial markets, and in particular financial imperfections, on aggregate macroeconomic outcomes and asset prices. It covers applications to domestic and international macroeconomics as well as asset pricing. The course focuses on applied theory and empirical stylized facts. Topics include: borrowing constraints, financial persistence and amplification mechanisms, limits to arbitrage, asset price bubbles, incomplete and missing markets, heterogeneous agents, portfolio balance, liquidity, safe haven assets, roll-over risk, monetary policy and risk-taking, regulation and government intervention.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 2535

Advanced Topics in International Trade (143462)

Marc Melitz

Pol Antras

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Covers advanced theoretical and empirical topics concerning the determinants of world trade patterns.

Requirements: **Prerequisite: Economics 2530a**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 2610

Industrial Organization I (113404)

Ariel Pakes

Robin Lee

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0115 PM

W 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to applied work in industrial organization. Static analysis (theory and estimation) of demand systems and cost functions (adverse selection, moral hazard, productivity), and applications of game theoretic concepts of equilibrium. Topics include the determinants of market structure and product availability, merger analysis and antitrust, and contracting and bargaining in vertical markets.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences

Economics 2611

Industrial Organization II (111407)

Myrto Kalouptsidi

2020 Spring (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Application of industrial organization to problems of public policy. Applied analysis of antitrust policy, network industries, vertical relationships, auctions, and other topics depending on interest.
Note: Students are urged to take Economics 2610 before Economics 2611.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 2612

Advanced Topics in Industrial Organization (110341)

Robin Lee

Ariel Pakes

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will cover both theoretical and econometric tools that are being used to explore more appropriate ways of analyzing market outcomes. Examples of theoretical topics may include: consumer search, advertising, dynamic models of collusion and pricing, and bargaining in vertical markets. Examples of econometric topics may include: simulation, semi-parametric, and moment inequalities in relation to problems that arise in industrial organization applications (e.g., entry, product repositioning, transition dynamics, and decision making with computational constraints).

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences

FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 2723 Section: 1

Asset Pricing (111998)

John Campbell

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to financial economics emphasizing discrete-time models and empirical applications. Reviews basic asset pricing theory. Discusses empirical topics including predictability of stock and bond returns, the equity premium puzzle, and intertemporal equilibrium models.

Course Notes: **Offered jointly with the Business School as 4209.**

Requirements: **Prerequisite: Economics 2010a OR Economics 2020a**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Social Sciences

Economics 2725 Section: 1

Corporate Finance and Banking (110731)

Adi Sunderam

Samuel Hanson

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Theory and empirical evidence on capital structure, dividends, investment policy, and managerial incentives. Topics include banking, corporate governance, and mergers.

Course Notes: **Offered jointly with the Business School as 4243.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students

Economics 2727

Empirical Methods in Financial Economics (119971)

Samuel Hanson

Adi Sunderam

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Examines empirical research in corporate finance. Covers empirical research methodology, financial institutions, and financial policy. Major emphasis is on how to do well-executed and persuasive research in corporate finance.

Course Notes: **Structured to minimize overlap with Economics 2725. Seminar format; students write referee reports and a research paper. Offered jointly with the Business School as 4220.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences

Economics 2730

Theoretical and Empirical Perspectives on Entrepreneurship: Organizational Economics and Growth (161299)

Josh Lerner

William Kerr

2020 Spring (4 Credits) **Schedule:** W 0530 PM - 0830 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Entrepreneurship--the formation and growth of new firms--is a complex phenomenon that has historically attracted relatively little academic attention. In recent years, however, scholars in a variety of disciplines have been devoting increasing attention to this topic. This course explores the emerging work in this dynamic area. Reflecting the complex nature of entrepreneurship, the course will touch on literature in a variety of academic disciplines. The 2019-20 class focuses on works from the industrial economics, labor economics, organizational economics, economic geography, macroeconomics and sociology literatures; the 2020-21 class focuses on works from the corporate finance and behavioral economics literatures. Students taking the course for credit will be expected to complete three referee reports and a paper proposal. This course is cross listed as HBS 4351.

Class Notes: **Course location: HBS Cumnock 130.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students

Economics 2810A

Labor Market Analysis (114301)

Lawrence Katz

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Theoretical and empirical research on labor markets. Wage determination covers equalizing differences, human capital, job mobility, and incentive models. Labor supply covers life-cycle models. Labor demand includes minimum wage and union models.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Economics 2810B

Labor Economics and Labor Market Institutions (112770)

Amanda Pallais

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Examines the operation of the labor market and evaluation of labor market policies. Topics: labor econometrics, theories of wage determination, changes in the wage structure, unemployment, labor market institutions, and globalization and the labor market.

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 2880

Economics of Science (124078)

Richard Freeman

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 40

Analyzes economic issues regarding the role of science and RD in the economy and in the deployment and productivity of scientists, engineers, and highly skilled technical workers. Topics include: wage levels/employment prospects; stipend policy, education/recruitment, student unionization/post-doc organization, career choices/trajectories, with reference to women; scientific competition/collaboration.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 2901

Early-Stage Research and Discussions on Behavioral and Experimental Economics (210858)

Gautam Rao

2020 Spring (4 Credits) **Schedule:** W 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This working group is intended for students doing research in empirical behavioral economics. Each week, two students will discuss early-stage ideas or in-progress work and receive feedback from other participants. Enrollment is by permission of the instructor, and restricted to PhD students. Pre-requisites include having completed field courses in behavioral economics (typically at least two of Ec 2030, 2035, 2040, 2338).

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences

Economics 2902

Early-Stage Research and Discussions in Theory (208000)

Benjamin Golub

Shengwu Li

2020 Spring (4 Credits) **Schedule:** F 0300 PM - 0400 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Theory Reading Group

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Not Available for Cross Registration

Economics 2903

Early-Stage Research and Discussions on Econometrics (210861)

Isaiah Andrews

Elie Tamer

2020 Spring (4 Credits) **Schedule:** M 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

FAS: Course Level	Primarily for Graduate Students

Economics 2903

Early-Stage Research and Discussions on Econometrics (210861)

Elie Tamer

Isaiah Andrews

2019 Fall (4 Credits) **Schedule:** R -

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences

Economics 2904

Early Stage Research and Discussions on Historical Economic Development (213555)

Melissa Dell

Nathan Nunn

2019 Fall (4 Credits) **Schedule:** W -

Instructor Permissions: Instructor **Enrollment Cap:** 25

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Economics 2905

Early-Stage Research and Discussions on Economic Development (208001)

Gautam Rao

Emily Breza

Michael Kremer

2019 Fall (4 Credits) **Schedule:** T 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Participants discuss recent research in economic development and present their own work in progress. Popularly known as the Development Tea. Primarily, but not exclusively, for doctoral students in economics who have passed their oral examinations

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Economics 2905

Early-Stage Research and Discussions on Economic Development (208001)

Emily Breza

Gautam Rao

Michael Kremer

2020 Spring (4 Credits) **Schedule:** T 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Participants discuss recent research in economic development and present their own work in progress. Popularly known as the Development Tea. Primarily, but not exclusively, for doctoral students in economics who have passed their oral examinations

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students

Economics 2906

Early Stage Research and Discussions on Macroeconomics (211332)

Emmanuel Farhi

Ludwig Straub

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Economics 2906

Early Stage Research and Discussions on Macroeconomics (211332)

Ludwig Straub

Xavier Gabaix

2019 Fall (4 Credits) **Schedule:** W 0600 PM - 0700 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Economics 2907

Early-Stage Research and Discussions on Public Economics and Fiscal Policy (210860)

Stefanie Stantcheva

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Economics 2909

Early Stage Research and Discussions on Industrial Organizations (211181)

Robin Lee

Myrto Kalouptsidi

Ariel Pakes

2020 Spring (4 Credits) **Schedule:** T 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences

Economics 2909

Early Stage Research and Discussions on Industrial Organizations (211181)

Myrto Kalouptsidi

Robin Lee

Ariel Pakes

2019 Fall (4 Credits) **Schedule:** W 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences

Economics 2910

Early Stage Research and Discussions on Political Economy and Culture (211314)

Benjamin Enke

Alberto Alesina

Nathan Nunn

2019 Fall (4 Credits) **Schedule:** R 0130 PM - 0230 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Political Economy Reading Group

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course

Economics 2910

Early Stage Research and Discussions on Political Economy and Culture (211314)

Alberto Alesina

Nathan Nunn

Benjamin Enke

2020 Spring (4 Credits) **Schedule:** R 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Political Economy Reading Group

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Economics 2911

Early Stage Research and Discussions on Financial Economics (215766)

John Campbell

Xavier Gabaix

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students

Economics 2912

Early-Stage Research and Discussions on Labor Economics (210859)

Lawrence Katz

Amanda Pallais

2020 Spring (4 Credits) **Schedule:** T 0900 AM - 1000 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Labor Reading Group

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students

Economics 2912

Early-Stage Research and Discussions on Labor Economics (210859)

Lawrence Katz

Amanda Pallais

2019 Fall (4 Credits) **Schedule:** T 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Labor Reading Group

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Economics 3000

TIME (208352)

Jeffrey A. Miron

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Used to replace time c.

Requirements: **Graduate Students Only (Undergraduates can submit a request to enroll)**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Economics 3000

TIME (208352)

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Used to replace time c.

Requirements: **Graduate Students Only (Undergraduates can submit a request to enroll)**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Economics 3001

Graduate Student Workshop in Behavioral Economics (120245)

David Laibson

Tomasz Strzalecki

Jerry Green

2020 Spring (4 Credits) **Schedule:** F 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 35

Participants discuss recent research in Behavioral Economics, and Experimental Economics and present their own work in progress. Open to doctoral students in economics who have passed their oral examinations.

Course Notes: **This workshop meets jointly with Econ 3002: Graduate Student Workshop in Theory.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course

Economics 3001

Graduate Student Workshop in Behavior in Games and Markets (120245)

Benjamin Enke

Matthew Rabin

Tomasz Strzalecki

David Laibson

Jerry Green

2019 Fall (4 Credits) **Schedule:** F 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Participants discuss recent research in Theory, Behavioral Economics, and Experimental Economics and present their own work in progress. Open to doctoral students in economics who have passed their oral examinations.

Course Notes: **This workshop meets jointly with Econ 3002: Graduate Student Workshop in Theory.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

Economics 3002

Graduate Student Workshop in Theory (126663)

Tomasz Strzalecki

2019 Fall (4 Credits) **Schedule:** F 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This workshop meets jointly with Econ 3001: Graduate Student Workshop in Behavior Games and Markets.

Requirements: **Prerequisite: Economics 2010a**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences

Economics 3002

Graduate Student Workshop in Theory (126663)

Tomasz Strzalecki

2020 Spring (4 Credits) **Schedule:** F 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This workshop meets jointly with Econ 3001: Graduate Student Workshop in Behavior Games and Markets.

Requirements: **Prerequisite: Economics 2010a**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration

Economics 3003

Graduate Student Workshop in Econometrics (111451)

Isaiah Andrews

Elie Tamer

James H. Stock

Dale Jorgenson

Maximilian Kasy

2019 Fall (4 Credits) **Schedule:** M 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Participants discuss recent research in econometrics and present their own work in progress. Open to doctoral students in economics.

Course Notes: **This course must be taken Sat/Unsat.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Economics 3003

Graduate Student Workshop in Econometrics (111451)

James H. Stock

Dale Jorgenson

Isaiah Andrews

Elie Tamer

2020 Spring (4 Credits) **Schedule:** M 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Participants discuss recent research in econometrics and present their own work in progress. Open to doctoral students in economics.

Course Notes: **This course must be taken Sat/Unsat.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

Economics 3004

Graduate Student Workshop in Economic History (123105)

Claudia Goldin

Nathan Nunn

Melissa Dell

2019 Fall (4 Credits) **Schedule:** F 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Participants discuss recent research in economic history and present their own work in progress.

Course Notes: **Popularly known as The History Tea.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

Economics 3004

Graduate Student Workshop in Economic History (123105)

Claudia Goldin

Nathan Nunn

2020 Spring (4 Credits) **Schedule:** F 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Participants discuss recent research in economic history and present their own work in progress.

Course Notes: **Popularly known as The History Tea.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 3005

Graduate Student Workshop in Economic Development (110160)

Melissa Dell

Nathan Nunn

Emily Breza

Michael Kremer

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Participants discuss recent research in economic development and present their own work in progress. Popularly known as the Development Lunch.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Economics 3005

Graduate Student Workshop in Economic Development (110160)

Nathan Nunn

Emily Breza

Gautam Rao

Michael Kremer

Melissa Dell

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Participants discuss recent research in economic development and present their own work in progress. Popularly known as the Development Lunch.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Economics 3006

Graduate Student Workshop in Macroeconomics (117451)

Emmanuel Farhi

Benjamin Friedman

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Participants discuss recent research in macroeconomics and present their own work in progress.

Course Notes: **Popularly known as the Macro Lunch.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

Economics 3006

Graduate Student Workshop in Macroeconomics (117451)

Emmanuel Farhi

Benjamin Friedman

Gabriel Chodorow-Reich

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Participants discuss recent research in macroeconomics and present their own work in progress.

Course Notes: **Popularly known as the Macro Lunch.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Economics 3007

Graduate Student Workshop in Public Economics and Fiscal Policy (119562)

David Cutler

2019 Fall (4 Credits) **Schedule:** T 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Participants discuss recent research in public economics and fiscal policy and present their own work in progress. Open to doctoral students in economics who have passed their oral examinations.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Economics 3007

Graduate Student Workshop in Public Economics and Fiscal Policy (119562)

David Cutler

2020 Spring (4 Credits) **Schedule:** T 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Participants discuss recent research in public economics and fiscal policy and present their own work in progress. Open to doctoral students in economics who have passed their oral examinations.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Economics 3008

Graduate Student Workshop in International Economics (113575)

Marc Melitz

Kenneth Rogoff

Pol Antras

Gita Gopinath

Elhanan Helpman

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Participants discuss recent research in international economics and present their own work in progress. Open to doctoral students in economics who have passed their oral examinations.

Course Notes: **Popularly known as the International Lunch.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 3008

Graduate Student Workshop in International Economics (113575)

Marc Melitz

Kenneth Rogoff

Pol Antras

Gita Gopinath

2019 Fall (4 Credits) **Schedule:** W 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Participants discuss recent research in international economics and present their own work in progress. Open to doctoral students in economics who have passed their oral examinations.

Course Notes: **Popularly known as the International Lunch.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Economics 3009

Graduate Student Workshop in Industrial Organization (117566)

Robin Lee

Ariel Pakes

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Participants present their own research in progress in an informal setting. Open to doctoral students in economics who have passed their general examinations and are in the early stages of their dissertations.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 3009

Graduate Student Workshop in Industrial Organization (117566)

Ariel Pakes

Robin Lee

Myrto Kalouptsidi

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Participants present their own research in progress in an informal setting. Open to doctoral students in economics who have passed their general examinations and are in the early stages of their dissertations.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Economics 3010

Graduate Student Workshop in Political Economy and Culture (204662)

Nathan Nunn

Alberto Alesina

2020 Spring (4 Credits) **Schedule:** R 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The course is intended for students interested in research within the field of political economy or cultural economics, both broadly defined. Participants discuss research papers presented by scholars at Harvard and from elsewhere. They also present their own work in progress.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course

Economics 3010

Graduate Student Workshop in Political Economy and Culture (204662)

Alberto Alesina

Nathan Nunn

Benjamin Enke

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The course is intended for students interested in research within the field of political economy or cultural economics, both broadly defined. Participants discuss research papers presented by scholars at Harvard and from elsewhere. They also present their own work in progress.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

Economics 3011

Graduate Student Workshop in Financial Economics (115030)

John Campbell

Jeremy Stein

Xavier Gabaix

Matteo Maggiori

2020 Spring (4 Credits) **Schedule:** F 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Participants discuss recent research in financial economics and present their own work in progress.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Graduate Course

Economics 3011

Graduate Student Workshop in Financial Economics (115030)

Xavier Gabaix

John Campbell

Jeremy Stein

Matteo Maggiori

2019 Fall (4 Credits) **Schedule:** F 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Participants discuss recent research in financial economics and present their own work in progress.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 3012

Graduate Student Workshop in Labor Economics (111404)

Lawrence Katz

Edward Glaeser

Claudia Goldin

2019 Fall (4 Credits) **Schedule:** T 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Participants discuss recent research in labor economics and present their own work in progress.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Economics 3012

Graduate Student Workshop in Labor Economics (111404)

Lawrence Katz

Edward Glaeser

Claudia Goldin

2020 Spring (4 Credits) **Schedule:** T 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Participants discuss recent research in labor economics and present their own work in progress.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Economics 3013

Graduate Student Workshop in Contracts and Organizations (107608)

Oliver Hart

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Participants discuss recent research in contracts and organizations and present their own work in progress. Open to doctoral students in economics.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Economics 3013

Graduate Student Workshop in Contracts and Organizations (107608)

Oliver Hart

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Participants discuss recent research in contracts and organizations and present their own work in progress. Open to doctoral students in economics.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

Economics 3016

Graduate Student Workshop in Environmental Economics (120837)

Robert Stavins

2019 Fall (4 Credits) **Schedule:** F 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Participants discuss recent research in environmental and natural resource economics and present their own work in progress. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Open to doctoral students only.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Economics 3016

Graduate Student Workshop in Environmental Economics (120837)

Robert Stavins

James H. Stock

2020 Spring (4 Credits) **Schedule:** F 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Participants discuss recent research in environmental and natural resource economics and present their own work in progress. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Open to doctoral students only.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Economics 3017

Research in Health Economics (115494)

Joseph P. Newhouse

2019 Fall (4 Credits) **Schedule:** T 0800 AM - 0930 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Participants discuss recent research in health economics. Course may also include presentation of original research by participants. Open to doctoral students only.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Economics 3101

Seminar in Behavioral and Experimental Economics (109297)

Gautam Rao

David Laibson

Tomasz Strzalecki

Matthew Rabin

Benjamin Enke

2019 Fall (4 Credits) **Schedule:** W 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For students with an interest in behavioral and experimental economics. Faculty presentations by Harvard economists and invited guests.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Economics 3102

Seminar in Economic Theory (127199)

Benjamin Golub

Tomasz Strzalecki

Eric Maskin

Jerry Green

2019 Fall (4 Credits) **Schedule:** R 0430 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For students with an interest in economic theory. Faculty presentations by Harvard and MIT economists and invited guests. The location alternates between Harvard and MIT.

Course Notes: **Theory seminar takes place from 4:00-5:30pm**

Class Notes: **This seminar meets from 4:00-5:20pm.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 3103

Seminar in Econometrics (113884)

Maximilian Kasy

James H. Stock

Dale Jorgenson

Elie Tamer

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Outside speakers and faculty present current research topics in theory and applications of econometrics.

Class Notes: **Seminar will take place from 4-5pm.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Economics 3104

Seminar in Economic History (118257)

Claudia Goldin

Nathan Nunn

Melissa Dell

2019 Fall (4 Credits) **Schedule:** F 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Intended for students writing dissertations related to economic history themes and/or methodology and for others with interests in economic history. Discusses research papers presented by scholars at Harvard and elsewhere.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Economics 3105

Seminar in Economic Development (111733)

Gautam Rao

Nathan Nunn

Melissa Dell

Emily Breza

Michael Kremer

2020 Spring (4 Credits) **Schedule:** W 0245 PM - 0400 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Fall speakers cover issues in growth and development. Spring speakers alternate between "growth and institutions," focusing on the macro aspects of growth and development, and "labor and development," focusing on the micro aspects.

Class Notes: **This course takes place at MIT, Building E51- room 395**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course

Economics 3105

Seminar in Economic Development (111733)

Michael Kremer

Gautam Rao

Emily Breza

Melissa Dell

Nathan Nunn

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Fall speakers cover issues in growth and development. Spring speakers alternate between "growth and institutions," focusing on the macro aspects of growth and development, and "labor and development," focusing on the micro aspects.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 3106

Seminar in Monetary and Fiscal Policy (111270)

Robert Barro

Emmanuel Farhi

Benjamin Friedman

David Laibson

N. Mankiw

Gabriel Chodorow-Reich

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Seminar speakers present papers on macroeconomic topics, including issues relating to monetary and fiscal policies, economic growth, the role of institutions, and other research issues in the field.

Course Notes: **Popularly referred to as the Macro Seminar.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Economics 3107

Seminar in Public Economics and Fiscal Policy (132616)

Nathaniel Hendren

Stefanie Stantcheva

David Cutler

Edward Glaeser

Lawrence Katz

2019 Fall (4 Credits) **Schedule:** M 0430 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Invited speakers present theoretical and empirical research on a broad range of topics related to the design of government policy.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Economics 3108

Seminar in International Economics (116757)

Pol Antras

Richard Cooper

Gita Gopinath

Marc Melitz

Elhanan Helpman

2019 Fall (4 Credits) **Schedule:** M 0430 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Outside speakers and faculty present research papers in all aspects of international economics, including theory, econometrics, and policy.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 3109

Seminar in Industrial Organization (112877)

Ariel Pakes

Robin Lee

Myrto Kalouptsidi

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Invited scholars from other institutions present current research in the field in a seminar setting.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course

Economics 3110

Seminar in Political Economy (207915)

Alberto Alesina

2019 Fall (4 Credits) **Schedule:** R 0430 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

The Program on Positive Political Economy (PPE) supports research-related activities that integrate the study of economics and politics, whether by studying economic behavior in the political process or political behavior in the marketplace. In general, positive political economy is concerned with showing how observed differences among institutions affect political and economic outcomes in various social, economic, and political systems and how the institutions themselves change and develop in response to individual and collective beliefs, preferences, and strategies.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 3111

Seminar in Financial Economics (113663)

John Campbell

Jeremy Stein

Matteo Maggiori

Xavier Gabaix

2019 Fall (4 Credits) **Schedule:** W 0430 PM - 0629 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Outside speakers present current research in the field in a seminar setting.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

Economics 3112

Seminar in Labor Economics (113625)

Lawrence Katz

Amanda Pallais

2019 Fall (4 Credits) **Schedule:** W 0430 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Outside speakers present research concerning the operation of labor markets.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 3114

Seminar in Law, Economics, and Organizations (113830)

Lucian Bebchuk

Oliver Hart

Louis Kaplow

2019 Fall (4 Credits) **Schedule:** M 1230 PM - 0159 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The presentation of work in progress in the field of law, economics, and organizations. Presentations by members of the various Harvard faculties, outside speakers, and graduate students.

Course Notes: **Offered jointly with the Law School as 96250-11 and with the Business School as 4670.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 3115

Seminar on Macroeconomic Policy (156659)

Benjamin Friedman

N. Mankiw

2019 Fall (4 Credits) **Schedule:** T 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 40

This seminar will feature presentations on current macroeconomic policy issues by Economics Department faculty and invited outsider speakers. Specific topics will include (among others) tax reform, fiscal policy, monetary policy in the U.S. and in other advanced economies, international imbalances, labor market policies, raising the U.S. economic growth rate, Europe's economic problems, housing and the mortgage market. Students not taking the course for credit are welcome to participate in each week's discussion.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

Economics 3116

Seminar in Environmental Economics and Policy (113829)

Robert Stavins

2019 Fall (4 Credits) **Schedule:** W 0415 PM - 0530 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

Selected topics in environmental and resource economics. Emphasizes theoretical models, quantitative empirical analysis, and public policy applications. Includes invited outside speakers.

Course Notes: **Primarily for graduate students in economics or related fields with environmental interests. Offered jointly with the Kennedy School as API-905Y.**

Recommended Prep: **Graduate-level course in microeconomic theory.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Economics 3116

Seminar in Environmental Economics and Policy (113829)

Robert Stavins

James H. Stock

2020 Spring (4 Credits) **Schedule:** W 0415 PM - 0530 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

Selected topics in environmental and resource economics. Emphasizes theoretical models, quantitative empirical analysis, and public policy applications. Includes invited outside speakers.

Course Notes: **Primarily for graduate students in economics or related fields with environmental interests. Offered jointly with the Kennedy School as API-905Y.**

Recommended Prep: **Graduate-level course in microeconomic theory.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 3117

Seminar in Health Economics (121703)

David Cutler

2020 Spring (4 Credits) **Schedule:** W 0400 PM - 0530 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Focuses on theory, econometric models, and public policy of health care. Frontier work in health economics presented and discussed by instructors and outside speakers.

Course Notes: **May be taken for credit only by dissertation students writing a research paper. Offered jointly with the Kennedy School as SUP-951.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Economics 3118

Seminar in Economics of Science and Engineering (122105)

Richard Freeman

2019 Fall (4 Credits) **Schedule:** F 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Focus on work force and career issues. Topics include: Effects of globalization on work force and innovation, growth of networks in work; impact of career incentives on productivity; university policies; mobility between academe and industry; link between ideas and outputs.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course

Economics 3119

Religion and Political Economy Seminar Series (207640)

Robert Barro

Rachel McCleary

Nathan Nunn

2019 Fall (4 Credits) **Schedule:** W 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Current research on religion and political economy will be presented by outside speakers and Harvard faculty and students.

Course Notes: **Undergraduates cannot get economics concentration or secondary field credit for this course.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Paulson School of Engineering and Applied Sciences

Subject: Computer Science

Computer Science 345

Datacenter networking (117839)

Minlan Yu

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Engineering Sciences

Subject: Engineering Sciences

Engineering Sciences 22

Product and Experience Design for Desirability (109374)

B Altringer

2020 Spring (4 Credits) **Schedule:** MW 0900 AM - 1100 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Multi-disciplinary course for students interested in designing products and services that are simple, irresistible, delightful, cool, covetable, viral, and, increasingly these days, much more likely to be successful. Students study real world cases of how organizations (e.g., Apple, Gucci, Swarovski) strategically design for desirability. In weekly design challenges, students use analogical transfer to apply these insights to diverse industries and target markets (e.g., health literacy campaigns, declining technologies, the future of luxury). Weekly critique panels with experts enable students to develop their own design point of view and to finish with a diverse design portfolio.

Course Notes: **Permission required for all students. Engineering Sciences 22 is jointly offered with the Graduate School of Design as SCI 6276.**

Class Notes: **Previously "Design Survivor: Experiential Lessons in Designing for Desirability"**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 24

Flavor Molecules of Food Fermentation: Exploration and Inquiry (156947)

Pia Sorensen

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 28

Microorganisms produce a diverse array of specialized small molecules as part of their metabolic processes. In this course we will study the production, properties, and characterization of these molecules through the lens of food fermentation. In particular, we will focus on the small molecules that contribute taste and aroma in fermented foods. Students will experience the scientific inquiry process in a creative way by designing and implementing their own research project based on a fermented food of their choosing. Still a field with much potential for discovery, interested students are invited to continue their research project in the summer.

Recommended Prep: **Ls1a , LPSA or equivalent; first semester Organic Chemistry recommended but not required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Undergraduate Students

Engineering Sciences 26

Humanity and its Challenges: Systems Thinking and Approaches (204471)

Fawwaz Habbal

Vikram Mansharamani

2020 Spring (4 Credits) **Schedule:** M 0900 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

As citizens in a rapidly changing world facing increasingly complex challenges, the skills that tomorrow's leaders need are increasingly crossing disciplinary silos. Humanity's most pressing problems are interconnected, involve competing interests, and defy simplification into single disciplines. Reductionist approaches focused on linear understanding must be balanced against the integrative logic of systems-oriented thinking. Depth must be balanced with breadth.
This course will give students an appreciation for the complexities of today's most intractable problems, and in so doing, help students develop a methodology for navigating the world they will face. After an overview of systems thinking and its emphasis on interconnections and feedback loops, the course will explore several issues and the complications they generate. Over the course of the semester, topics including epidemics, inequality, human displacement, and food systems will be addressed.
The course will employ multiple methods of learning, with course preparation varying from reading novels to watching videos to reviewing academic papers. Each case will include an overview of the issue and why it matters, before exploring existing disciplinary approaches to address the challenge. Prior thinking is evaluated both in terms of its rigor and is effectiveness. What worked and didn't work? Why?
Students will learn to employ systems thinking using a multi-disciplinary method to evaluate possible solutions. This future-oriented analysis will emphasize the necessity to zoom out and paint a mosaic of possible unintended consequences and roadblocks that may impede progress. By the end of the course, students should have developed a robust framework for integrating economic, political, technical, ethical, and social lenses into an analysis of complex problems and their potential solutions.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students

Engineering Sciences 28

Science Technology and Society (207608)

L Mahadevan

Sheila Jasanoff

Keith Raffel

Sam Evans

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

In an era of unprecedented technological change, informed citizens will need to make sense of rapidly evolving societal challenges. In this course, students will examine real-life cases in areas like genetic engineering, artificial intelligence, environmental justice, and climate change. Readings, lectures, and discussions will explore issues such as how technology should be regulated, how individual and societal values should be weighed against each other, and how risk-benefit analysis should be applied. The course will aim to give students of any concentration the conceptual tools and structure to grapple with the diverse responsibilities, rights, and privileges of the 21st century citizen.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Engineering Sciences 50

Introduction to Electrical Engineering (140008)

Todd Zickler

Christopher Lombardo

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The main course objectives are to introduce students to the exciting and powerful world of electrical engineering and to explain how gadgets that we use every day actually work. After taking ES 50, you will be able to leverage the power of electricity to build systems that sense, control and program the physical world around you. Examples include intelligent and autonomous systems (robots), audio amplifiers (e.g. guitar amp), interactive art installations, light-shows, mind-controlled machines, and so on.

Recommended Prep: **Enthusiasm, curiosity and desire to build things! Previous engineering or programming experience is NOT needed. The amount of high school physics required is minimal, and is limited to basic concepts only.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Undergraduate Students

Engineering Sciences 51

Computer-Aided Machine Design (148434)

Michelle Rosen

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 60

A first course in the design and construction of mechanical and electromechanical devices. Engineering graphics and sketching; dimensions and tolerances. Introduction to materials selection and structural

design. Machine elements and two-dimensional mechanisms; DC motors. Design methodology. Emphasis on laboratory work and design projects using professional solid modeling CAD software and numerically controlled machine tools.

Course Notes: **Intended for freshmen and sophomores.**

Recommended Prep: **High school calculus; high school physics.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Engineering Sciences 51

Computer-Aided Machine Design (148434)

Michelle Rosen

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 60

A first course in the design and construction of mechanical and electromechanical devices. Engineering graphics and sketching; dimensions and tolerances. Introduction to materials selection and structural design. Machine elements and two-dimensional mechanisms; DC motors. Design methodology. Emphasis on laboratory work and design projects using professional solid modeling CAD software and numerically controlled machine tools.

Course Notes: **Intended for freshmen and sophomores.**

Recommended Prep: **High school calculus; high school physics.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Engineering Sciences 53

Quantitative Physiology as a Basis for Bioengineering (122339)

Linsey Moyer

2019 Fall (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A foundation in human organ systems physiology, including cardiac, respiratory, renal, and neural systems. Quantitative description of organ systems function and control in terms of physical principles and physiologic mechanisms. Simple mathematical models representing key aspects of organ systems function. Emphasis will be given to understanding the ways in which dysfunction in these systems gives rise to common human disease processes, with an introduction to biomedical devices designed to treat dysfunction. The course is designed for freshman and sophomores.

Course Notes: **Open to freshmen.**

Recommended Prep: **Calculus at the high school level**

Additional Course Attributes:

Attribute	Value(s)
Quantitative Reasoning with Data	Yes
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 54

Electronics for Engineers (208134)

David Abrams

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This course is a practical introduction to analog and digital electronics for engineers. Topics will include aspects of analog circuit theory, discrete digital circuits, and embedded systems that utilize microcontrollers to process inputs from sensors and act on the world accordingly, for instance through motor control. There will be extensive hands-on laboratories to put into practice the topics covered in lecture. This course meets the electronics course requirement for mechanical engineers and bioengineers (i.e., for those bioengineering tracks that require electronics/circuits). Current or potential EE concentrators should consult with the ADUS for Electrical Engineering before enrolling.

Course Notes: **Lab M/W 2:30pm - 5:00pm. Enrollment limited to 30 students. Instructor permission required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 91HFR

Humanitarian Design Projects (208044)

Christopher Lombardo

2020 Spring (2 Credits) **Schedule:** T 0600 PM - 0715 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Multi-year long team projects that provide an engineering experience working with partner communities on real-world problems. Projects provide exposure to problem definition, quantitative analysis, modeling, generation of creative solutions utilizing appropriate technology, engineering design trade-offs, and documentation/communication skills. These projects will be implemented with our project partners after the appropriate design and approvals have been obtained.

Course Notes: **This course is part of a two-semester sequence. Students are strongly encouraged to enroll ENG-SCI 91HFR in two consecutive semesters. Enrollment limited.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 91HFR

Humanitarian Design Projects (208044)

Christopher Lombardo

2019 Fall (2 Credits) **Schedule:** T 0600 PM - 0715 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Multi-year long team projects that provide an engineering experience working with partner communities on real-world problems. Projects provide exposure to problem definition, quantitative analysis, modeling, generation of creative solutions utilizing appropriate technology, engineering design trade-offs, and documentation/communication skills. These projects will be implemented with our project partners after the appropriate design and approvals have been obtained.

Course Notes: **This course is part of a two-semester sequence. Students are strongly encouraged to enroll ENG-SCI 91HFR in two consecutive semesters. Enrollment limited.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Engineering Sciences 91R

Supervised Reading and Research (109477)

Patrick Ulrich

Christopher Lombardo

Linsey Moyer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Guided reading and research.

Course Notes: **An ES91r project must possess engineering content at a level similar to other technical engineering courses at SEAS and include many, but not necessarily all, of the following elements: modeling, simulation, design, measurement, and data analysis.**

Normally open to candidates accepted for work on a specific topic by a member of the faculty of the School of Engineering and Applied Sciences. Normally may not be taken for more than two terms; may be counted for concentration in Engineering Sciences with prior approval and if taken for graded credit. Applicants must file a project application

form prior to the course registration deadline to receive permission to enroll. Project application forms may be obtained from the SEAS website or the Office of Academic Programs, Pierce Hall 110.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 91R

Supervised Reading and Research (109477)

Christopher Lombardo

Patrick Ulrich

Linsey Moyer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Guided reading and research.

Course Notes: **An ES91r project must possess engineering content at a level similar to other technical engineering courses at SEAS and include many, but not necessarily all, of the following elements: modeling, simulation, design, measurement, and data analysis.**

Normally open to candidates accepted for work on a specific topic by a member of the faculty of the School of Engineering and Applied Sciences. Normally may not be taken for more than two terms; may be counted for concentration in Engineering Sciences with prior approval and if taken for graded credit. Applicants must file a project application form prior to the course registration deadline to receive permission to enroll. Project application forms may be obtained from the SEAS website or the Office of Academic Programs, Pierce Hall 110.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Engineering Sciences 95R

Startup R & D (109272)

Paul Bottino

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Students do field-based work in entrepreneurship to develop their existing startup and explore new ideas and opportunities for startup design. The course is for students seeking innovation experience as a

founder of a startup. Students may work individually; teams are preferred. Requires self-directed, independent work and active outreach to mentors, customers, and partners for guidance and feedback in addition to that provided by the instructor. Students will share their work regularly and engage in a peer-to-peer feedback forum. The coursework is customized to the needs of each student and their startup role and includes development of product, technology, market, business, organization and leadership.

Course Notes: **Enrollment limited; permission of instructor required.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Engineering Sciences 95R

Startup R & D (109272)

Paul Bottino

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Students do field-based work in entrepreneurship to develop their existing startup and explore new ideas and opportunities for startup design. The course is for students seeking innovation experience as a founder of a startup. Students may work individually; teams are preferred. Requires self-directed, independent work and active outreach to mentors, customers, and partners for guidance and feedback in addition to that provided by the instructor. Students will share their work regularly and engage in a peer-to-peer feedback forum. The coursework is customized to the needs of each student and their startup role and includes development of product, technology, market, business, organization and leadership.

Course Notes: **Enrollment limited; permission of instructor required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Undergraduate Students

Engineering Sciences 96

Engineering Problem Solving and Design Project (144983)

Fawwaz Habbal

Jeffrey Paten

Kelly Miller

Nabil Harfoush

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Semester-long team-based project providing experience working with clients on complex multi-stakeholders real problems. Course provides exposure to problem definition, problem framing, qualitative

and quantitative research methods, modeling, generation and co-design of creative solutions, engineering design trade-offs, and documentation/communication skills. Ordinarily taken in the junior year.

Course Notes: **Preference given to SB candidates.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 96

Engineering Problem Solving and Design Project (144983)

David Mooney

2019 Fall (4 Credits) **Schedule:** MW 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Semester-long team-based project providing experience working with clients on complex multi-stakeholders real problems. Course provides exposure to problem definition, problem framing, qualitative and quantitative research methods, modeling, generation and co-design of creative solutions, engineering design trade-offs, and documentation/communication skills. Ordinarily taken in the junior year.

Course Notes: **Preference given to SB candidates.**

Class Notes: **In Fall 2019, the class will collaborate with the Harvard Global Health Initiative and SaveLIFE foundation in India to work on improving highway road safety in developing countries.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Engineering Sciences 100HFA

Engineering Design Projects (144350)

Frank Keutsch

2019 Fall (2 Credits) **Schedule:** R 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual engineering design projects which demonstrate mastery of engineering knowledge and techniques. During the year, each student will pursue an appropriate capstone project which involves both engineering design and quantitative analysis and culminating in a final oral presentation and final report/thesis. Students must complete both parts of this course, fall and spring, in order to receive credit.

Course Notes: **Ordinarily taken in the senior year. Enrollment is conditional on the student having an approved project before May 1 in the spring semester preceding actual enrollment. Formal project approval rests**

with ES100 teaching staff. Weekly lectures (fall only) and one hour weekly sections (throughout the year) are mandatory.

Requirements: **Pre-Requisite: ENG-SCI 96 OR ENG-SCI 227**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
Full Year Course	Indivisible Course
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 100HFB

Engineering Design Projects (160553)

Frank Keutsch

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Individual engineering design projects which demonstrate mastery of engineering knowledge and techniques. During the year, each student will pursue an appropriate capstone project which involves both engineering design and quantitative analysis and culminating in a final oral presentation and final report/thesis. Students must complete both parts of this course, fall and spring, in order to receive credit.

Requirements: **Pre-Requisite: ENG-SCI 96 OR ENG-SCI 227**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Search Attributes	Display Only in Course Search
Full Year Course	Indivisible Course
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Engineering Sciences 100HFB

Engineering Design Projects (160553)

Frank Keutsch

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual engineering design projects which demonstrate mastery of engineering knowledge and techniques. During the year, each student will pursue an appropriate capstone project which involves both engineering design and quantitative analysis and culminating in a final oral presentation and final report/thesis. Students must complete both parts of this course, fall and spring, in order to receive credit.

Requirements: **Pre-Requisite: ENG-SCI 96 OR ENG-SCI 227**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science

FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Indivisible Course
Course Search Attributes	Display Only in Course Search

Engineering Sciences 111

Introduction to Scientific Computing (156287)

Cengiz Pehlevan

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Many complex physical problems defy simple analytical solutions or even accurate analytical approximations. Scientific computing can address certain of these problems successfully, providing unique insight. This course introduces some of the widely used techniques in scientific computing through examples chosen from physics, chemistry, and biology. The purpose of the course is to introduce methods that are useful in applications and research and to give the students hands-on experience with these methods.

Course Notes: **Engineering Sciences 111 is also offered as Applied Mathematics 111. Students may not take both for credit. Undergraduate Engineering Students should enroll in Engineering Sciences 111.**

Recommended Prep: **Applied Mathematics 21a and 21b, or Mathematics 21a and 21b, or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 112

Thermodynamics by Case Study (160454)

Scot Martin

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 18

Fundamental concepts and formalisms of conservation of energy and increase of entropy as applied to natural and engineered environmental and biological systems. Pedagogical approach is to start with real-world observations and applications, extracting the underlying fundamentals of thermodynamics from these.

Course Notes: **ES 112 is also offered as EPS 112. Students may not take both for credit. Undergraduate engineering students should enroll in ES 112. Total class capacity of 18 includes students in both ES 112 and EPS 112.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Engineering Sciences 115

Mathematical Modeling (156427)

Ariel Amir

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 40

Abstracting the essential components and mechanisms from a natural system to produce a mathematical model, which can be analyzed with a variety of formal mathematical methods, is perhaps the most important, but least understood, task in applied mathematics. This course approaches a number of problems without the prejudice of trying to apply a particular method of solution. Topics drawn from biology, economics, engineering, physical and social sciences.

Course Notes: **Engineering Sciences 115 is also offered as Applied Mathematics 115. Students may not take both for credit. Undergraduate Engineering Students should enroll in Engineering Sciences 115.**

Class Notes: **Enrollment limited to 40 students for ENG-SCI/APMTH 115.**

Requirements: **Prerequisite: Must take APMTH 105 OR APMTH 108 OR APMTH 104 OR MATH 112 OR STAT 110 before taking ENG-SCI 115**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Engineering Sciences 115

Mathematical Modeling (156427)

L Mahadevan

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Abstracting the essential components and mechanisms from a natural system to produce a mathematical model, which can be analyzed with a variety of formal mathematical methods, is perhaps the most important, but least understood, task in applied mathematics. This course approaches a number of problems without the prejudice of trying to apply a particular method of solution. Topics drawn from biology, economics, engineering, physical and social sciences.

Course Notes: **Engineering Sciences 115 is also offered as Applied Mathematics 115. Students may not take both for credit. Undergraduate Engineering Students should enroll in Engineering Sciences 115.**

Requirements: **Prerequisite: Must take APMTH 105 OR APMTH 108 OR APMTH 104 OR MATH 112 OR STAT 110 before taking ENG-SCI 115**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Engineering Sciences 120

Introduction to the Mechanics of Solids (131270)

Joost Vlassak

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A first course in the mechanical sciences which introduces elements of continuum mechanics and explains how materials and structures stretch, bend, twist, shake, buckle, and break. Stress-strain behavior of materials. Statically determinate and indeterminate structures. Stress and strain, equations of motion or equilibrium, strain-displacement relations. Torsion. Beam theory with applications to beam deflections, vibrations, and buckling. Three laboratory sessions required.

Recommended Prep: **Applied Physics 50a, Physical Sciences 12a, or 15a and Applied Mathematics 21a or Mathematics 21a (previously) and Applied Mathematics 21b or Mathematics 21b (previously or concurrently).**

Requirements: **Prerequisite: Math 21a (or equivalent); and Physical Sciences 12a, Physics 15a, or Applied Physics 50a; AND Co-requisite: Math 21b (or equivalent)**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Quantitative Reasoning with Data	Yes
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science

Engineering Sciences 121

Introduction to Optimization: Models and Methods (156288)

Yiling Chen

2019 Fall (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to basic mathematical ideas and computational methods for solving deterministic and stochastic optimization problems. Topics covered: linear programming, integer programming, branch-and-bound, branch-and-cut, Markov chains, Markov decision processes. Emphasis on modeling. Examples from business, society, engineering, sports, e-commerce. Exercises in AMPL, complemented by Maple or Matlab.

Course Notes: **Engineering Sciences 121 is also offered as Applied Mathematics 121. Students may not take both for credit. Undergraduate Engineering Students should enroll in Engineering Sciences 121.**

Recommended Prep: **Applied Mathematics 21b or Mathematics 21b (linear algebra) and some knowledge of probability and statistics at the level of Statistics 110 or Applied Mathematics 101 or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 123

Introduction to Fluid Mechanics and Transport Processes (144952)

David Sondak

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Dimensional analysis. Basic elements of steady and unsteady thermal conduction and mass diffusion. Statics and dynamics of fluids. Buoyancy-stability and hydrostatics. Laminar viscous flows, potential flows, origin of lift, and basic aspects of boundary layers. Navier-Stokes and continuity equations. Applications in aerodynamics, chemical, environmental, and mechanical engineering, and physics.

Requirements: **Prerequisite: (Applied Math 21a or Math 21a or equivalent) AND (Applied Math 21b or Math 21b or equivalent) AND (APPHY 50a or PHYSCI 12a or Physics 15a)**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Final Assessment Category	Three-hour Exam

Engineering Sciences 125

Mechanical Systems (144157)

Boris Kozinsky

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Modeling and analysis of mechanical systems. Topics include 3D rigid body dynamics, resonance, damping, frequency response, Laplace transform methods, Lagrange's equations, multiple degree-of-freedom systems and an introduction to control and continuous systems. Analytical modeling will be supplemented with numerical simulations and lab experiments. Laboratory exercises will explore vibration, and stabilization using data acquisition systems.

Requirements: **Prerequisite: Math 21a and 21b (or equivalents); and Physical Sciences 12a (or equivalent)**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Final Assessment Category	Three-hour Exam

Engineering Sciences 128

Computational Solid and Structural Mechanics (133525)

Katia Bertoldi

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to finite element methods for analysis of steady-state and transient problems in solid, structural, fluid mechanics, and heat transfer. Implementation of simple MATLAB codes and use of existing general-purpose programs (ABAQUS and COMSOL).

Course Notes: **Offered alternate years.**

Recommended Prep: **Engineering Sciences 120 or equivalent introduction to the mechanics of deformable materials and fluids. Engineering Sciences 123 may be taken concurrently.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 139

Innovation in Science and Engineering: Conference Course (118939)

David Weitz

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Explores factors and conditions contributing to innovation in science and engineering; how important problems are found, defined, and solved; roles of teamwork and creativity; and applications of these methods to other endeavors. Students receive practical and professional training in techniques to define and solve problems, and in brainstorming and other individual and team approaches.

Course Notes: **Offered jointly with the Design School as SCI-06272. Taught through a combination of lectures, discussions, and exercises led by innovators in science, engineering, arts, and business.**

Requirements: **Anti-Req: May not be taken for credit if ENG-SCI 239 already complete**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students

Engineering Sciences 150

Probability with Engineering Applications (116859)

Yue Lu

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course introduces the fundamentals of probability theory for parameter estimation and decision making under uncertainty. It considers applications to information systems as well as other physical and biological systems. Topics include: discrete and continuous random variables, conditional expectations, Bayes' rules, laws of large numbers, central limit theorems, Markov chains, Bayesian statistical inferences, and parameter estimations.

Requirements: **Prerequisite: (Applied Math 21a or Math 21a or equivalent) AND Corequisite: (Applied Math 21b or Math 21b or equivalent)**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Engineering Sciences 151

Applied Electromagnetism (143005)

Evelyn Hu

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Electromagnetism and its applications in science and technology. Topics: Maxwell's equations; electromagnetic waves (e.g., light, microwaves, etc.); wave propagation through media discontinuity; transmission lines, waveguides, and microwave circuits; radiation and antennae; interactions between electromagnetic fields and matters; optics of solids; optical devices; origin of colors; interference and diffraction; lasers and masers; nuclear magnetic resonance and MRI; radio astronomy; wireless networking; plasmonic wave (charge density wave).

Recommended Prep: **Basic electromagnetism (Applied Physics 50b, Physical Sciences 12b, or 15b or equivalent), basic vector calculus (Applied Math 21a or equivalent), basic differential equations (Applied Math 21b or equivalent) and familiarity with Fourier analysis (Applied Math 21b or equivalent).**

Requirements: **Prerequisite: Math 21a (or equivalent); and Physical Sciences 12a and 12b, Physics 15a and 15b, or Applied Physics 50a and 50b**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students

Engineering Sciences 152

Circuits, Devices, and Transduction (207597)

Gu-Yeon Wei

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course introduces fundamentals in designing and building modern information devices and systems that interface with the real world. It focuses on devices and systems that use *analog* electronics, and it complements COMPSCI 141, which focuses on digital devices and systems. Topics of this course include: time and frequency domain analysis of simple 1st and 2nd order circuits; operational amplifiers and op-amp circuits; basic semiconductor physics; PN junctions and diodes; bipolar junction transistors (BJT); field-effect transistors (MOSFETs); bias circuits and current sources; amplifier gain and bandwidth; frequency response, feedback, noise, and stability. Further, students are introduced to select transducers, particularly motors and their concomitant drive schemes, but also photocells, photodiodes, and semiconductor lasers to highlight device design and characterization.

Requirements: **Prerequisite: Math 1a and 1b; AND Co-requisite: Physical Sciences 12b or Physics15b or Applied Physics 50b**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Engineering Sciences 153

Laboratory Electronics (156518)

Thomas Hayes

David Abrams

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 22

A lab-intensive introduction to electronic circuit design. Develops circuit intuition and debugging skills through daily hands-on lab exercises, each preceded by class discussion, with minimal use of mathematics and physics. Moves quickly from passive circuits, to discrete transistors, then concentrates on operational amplifiers, used to make a variety of circuits including integrators, oscillators, regulators, and filters. The digital half of the course treats analog-digital interfacing, emphasizes the use of microcontrollers and programmable logic devices (PLDs).

Course Notes: **Limited to 20 students. Engineering Sciences 153 is also offered as Physics 123/223. Students may not take both for credit. Engineering students should enroll in ES153. Undergraduate physics students should enroll in Physics 123. Graduate students should enroll in Physics 223.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 153

Laboratory Electronics (156518)

Thomas Hayes

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

A lab-intensive introduction to electronic circuit design. Develops circuit intuition and debugging skills through daily hands-on lab exercises, each preceded by class discussion, with minimal use of mathematics and physics. Moves quickly from passive circuits, to discrete transistors, then concentrates on operational amplifiers, used to make a variety of circuits including integrators, oscillators, regulators, and filters. The digital half of the course treats analog-digital interfacing, emphasizes the use of microcontrollers and programmable logic devices (PLDs).

Course Notes: **Limited to 20 students. Engineering Sciences 153 is also offered as Physics 123/223. Students may not take both for credit. Engineering students should enroll in ES153. Undergraduate physics students should enroll in Physics 123. Graduate students should enroll in Physics 223.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 153 Section: 002

Laboratory Electronics (156518)

Thomas Hayes

David Abrams

2019 Fall (4 Credits) **Schedule:** WF 0130 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

A lab-intensive introduction to electronic circuit design. Develops circuit intuition and debugging skills through daily hands-on lab exercises, each preceded by class discussion, with minimal use of mathematics and physics. Moves quickly from passive circuits, to discrete transistors, then concentrates on operational amplifiers, used to make a variety of circuits including integrators, oscillators, regulators, and filters. The digital half of the course treats analog-digital interfacing, emphasizes the use of microcontrollers and programmable logic devices (PLDs).

Course Notes: **Limited to 20 students. Engineering Sciences 153 is also offered as**

Physics 123/223. Students may not take both for credit. Engineering students should enroll in ES153. Undergraduate physics students should enroll in Physics 123. Graduate students should enroll in Physics 223.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students

Engineering Sciences 155

Systems and Control (207626)

Na Li

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course and its follow-on course ENG-SCI 156 concern the fundamentals of information systems in the real world. Together they provide a comprehensive foundation in signal processing, systems design and analysis, control, and communications, while also introducing key linear-algebraic concepts in the context of authentic applications. The first course, ENG-SCI 155, focuses on the basic principles of feedback and its use as a tool for inferring and/or altering the dynamics of systems under uncertainty. Topics include linear algebra, the elemental representations of dynamic systems, stability analysis, the design of estimators (e. g., Kalman Filter) and feedback controllers (e.g., PID and Optimal Controller). The class includes both the practical and theoretical aspects of the topic.

Course Notes: **Note: Students taking Math 21a (or equivalent, or above) have met the prerequisite. Additional discussion and lab section to be arranged.**

Requirements: **Prerequisite: Math 1a and Math 1b**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Engineering Sciences 156

Signals and Communications (148148)

Flavio du Pin Calmon

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course is a follow-on to ENG-SCI 155 and continues to develop the fundamentals of information systems in the real world. It focuses on the analysis and manipulation of signals in the time and frequency domains in the context of authentic applications. Topics include: the sampling theorem, convolution, and linear input-output systems in continuous and discrete time. Further, students are introduced to transforms—including Fourier, discrete cosine, wavelet, and PCA / SVD 'transforms'—that map between

vector spaces via matrix multiplication as a method to ease analysis provided conditionalized knowledge. Randomness, noise, and filtering. Waves and interference in the context of communications; antennae, phasors, modulation, multiplexing. Applications in communications and data science.

Recommended Prep: **Applied Mathematics 21b or Mathematics 21b.**

Requirements: **Prerequisite: Math 21a and Math 21b (or equivalents), or Applied Math 22a**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Engineering Sciences 157

Biological Signal Processing (109358)

Demba Ba

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

General properties of common biosignals, Bioelectrical (electrophysiological), Biomechanical, Biomagnetic , and Biochemical signals, Bioelectrical acquisition process. Brief discussion of bio-signals obtained from tomography and inverse imaging. Brief introduction to underlying principles of MRI, Ultrasound, CT-Scan, PET, and SPECT, and their associated signals, inverse imaging, ill-posed problems and regularization. Non-transformed and transformed methods for biosignal processing. Structural and Graphical descriptions. Overview of Fourier transforms, Sine and cosine transform, Wavelet transform, Principle Component Analysis, dimension reduction techniques. Blind Source Separation, Representation models based on the statistical independence of the underlying sources, Independent component analysis (ICA), Dependent component analysis, Independent Subspace separation, Pattern Recognition, neural networks, clustering, and genetics algorithms. Applications to Biosignal Processing, and Human computer interaction.

Recommended Prep: **It is helpful, but not necessary, for students to have taken Engineering Sciences 150 or 156 prior to Engineering Sciences 157.**

Requirements: **Prerequisite: Math 21a and Math 21b (or equivalents)**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 159

Introduction to Robotics (131554)

Robert Wood

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to computer-controlled robotic manipulators. Topics include coordinate frames and transformations, kinematic structure and solutions, statics and dynamics of serial and parallel chain manipulators, control and programming, introduction to path planning, introduction to teleoperation, robot design, and actuation and sensing devices. Laboratory exercises provide experience with industrial robot programming and robot simulation and control.

Course Notes: **Offered in alternate years.**

Recommended Prep: **Computer Science 50, and either Engineering Sciences 125 or 156.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam

Engineering Sciences 170

Engineering Quantum Mechanics (207088)

Prineha Narang

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

As a first course in quantum mechanics, tailored for engineering, applied mathematics and computer science students, this course will teach concepts needed to engineer a quantum world, to understand quantum mechanical properties of materials and build an intuition for quantum information science. The course will be a hybrid of lectures on theory, state-of-the-art computational methods ('theory-lab') in quantum simulations and we will use IBM Q Experience, an open access quantum computer. Topics will include periodic potentials and the tight-binding approach, quantizing vibrations in solids, spin matrices and an introduction to qubits. Assignments will teach the basics of the Python programming language, introduce students to open source scientific software and electronic structure methods.

Course Notes: **This course also includes a weekly theory lab section.**

Recommended Prep: **Math 21a (multivariable calculus) and Math 21b (linear algebra)**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students

Engineering Sciences 173

Introduction to Electronic and Photonic Devices (119048)

Evelyn Hu

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will focus on physical principles underlying semiconductor devices: electrons and holes in

semiconductors , energies and bandgaps, transport properties of electrons and holes, p-n junctions, transistors, light emitting diodes, lasers, solar cells and thermoelectric devices.

Course Notes: **Undergraduate level quantum mechanics highly useful, but not required. This course will include a few short laboratory sessions.**

Requirements: **Prerequisite: Math 1b and (Physical Sciences 12a and 12b, Physics 15a and 15b, or Applied Physics 50a and 50b)**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Engineering Sciences 177

Microfabrication Laboratory (109356)

Marko Loncar

2020 Spring (4 Credits) **Schedule:** M 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to micro- and nanofabrication processes used for photonic and electronic devices. Students use both an instructional lab as well as a state-of-the-art cleanroom in the Center for Nanoscale Systems. Several electronic and photonic devices will be fabricated, such as transistors, light-emitting diodes (LEDs) and lasers. Lectures will focus on fabrication processes, including lithography, deposition of metals and dielectrics, etching, oxidation, implantation and diffusion of dopants, and device characterization.

Course Notes: **This course has a 4-hour weekly lab session.**

Recommended Prep: **Applied Physics 50a and 50b, Physical Sciences 12a and 12b, or Physics 15a and 15b or equivalent and ES 173 required.**

Requirements: **Prerequisite: (Applied Physics 50a OR Physical Sciences 12a OR Physics 15a) AND (Applied Physics 50b OR Physical Sciences 12b OR Physics 15b) AND ES 173**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 181

Engineering Thermodynamics (135598)

Zhigang Suo

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to classical engineering thermodynamics. Topics: Zeroth Law and temperature. Properties of

single-component gases, liquids, and solids. Equations of state for ideal and simple nonideal substances. First Law, heat and heat transfer, work, internal energy, enthalpy. Second Law, Third Law, entropy, free energy, exergy. Heat engines and important engineering applications such as refrigerators, power cycles. Properties and simple models of solutions. Phase and chemical equilibrium in multicomponent systems; chemical potential. Electrochemistry, batteries, fuel cells. Laboratory included.

Recommended Prep: **High School AP Chemistry or higher**

Requirements: **Prerequisite: Physical Sciences 12a, Physics 15a, or Applied Physics 50a**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Engineering Sciences 183

Introduction to Heat Transfer (108871)

David Clarke

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

The macroscopic description of the fundamentals of heat transfer and applications to practical problems in energy conversion, electronics and living systems with an emphasis on developing a physical and analytical understanding of conductive, convective and radiative heat transfer. Emphasis will also be given to problem solving skills based on applying governing principles, mathematical models and physical intuition. Includes laboratory sessions and semester-long projects.

Recommended Prep: **Applied Math 21a (Mathematical Methods in Science) or equivalent.**

Requirements: **Prerequisite: Math 21b (or equivalent) and Physical Sciences 12a, Physics 15a, or Applied Physics 50aREQ: ENG-SCI 183**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 190

Introduction to Materials Science and Engineering (143870)

Xin Li

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to the structure, properties, and applications of materials. Crystal structure and defects. Structure property relations and crystal symmetry. Phase transformations, phase diagrams, diffusion.

Effect of microstructure on properties. Examples from a variety of engineering applications of electrical, optical and magnetic materials.

Recommended Prep: **Physical Sciences 12a,b, and Applied Mathematics 21a,b or Mathematics 21a,b.**

Requirements: **Prerequisite: Math 21a and 21b (or equivalents); and Physical Sciences 12a and 12b, Physics 15a and 15b, or Applied Physics 50a and 50b**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
GSD: MDS/MDE Rec. Elec.	MDE recommended elective
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students

Engineering Sciences 202

Learning, Estimation, and Control of Dynamical Systems (142254)

Na Li

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This graduate level course studies dynamic systems in time domain with inputs and outputs. Students will learn how to design estimator and controller for a system to ensure desirable properties (e.g., stability, performance, robustness) of the dynamical system. In particular, the course will focus on systems that can be modeled by linear ordinary differential equations (ODEs) and that satisfy time-invariance conditions. The course will introduces the fundamental mathematics of linear spaces, linear operator theory, and then proceeds with the analysis of the response of linear time-variant systems. Advanced topics such as robust control, model predictive control, linear quadratic games and distributed control will be presented based on allowable time and interest from the class. The material learned in this course will form a valuable foundation for further work in systems, control, estimation, identification, detection, signal processing, and communications.

Course Notes: **Engineering Sciences 202 is also offered as Applied Mathematics 232. Students may not take both for credit.**

Recommended Prep: **Linear algebra, differential equations, and signals and systems (AM 120, ES 156, or equivalent). Undergraduates need permission.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Engineering Sciences 221

Drug Delivery (122340)

James Wright

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Methods to deliver molecules to the human body. Physiological obstacles and engineering solutions. Characterization techniques for drug delivery synthesis and in vitro analysis. Case studies of current pharmaceutical products.

Recommended Prep: **Mathematics 21a,b or Applied Mathematics 21a,b, and Chemistry 5 or Life Sciences 1a.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Engineering Sciences 222

Advanced Cellular Engineering (114808)

Kit Parker

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This is a combined introductory graduate/upper-level undergraduate course that focuses on examining modern techniques for manipulating cellular behavior and the application of these techniques to problems in the biomedical and biotechnological arenas. Applications in drug discovery, regenerative medicine, and cellular agriculture will be discussed. Topics will include controlling behavior of cells through cell-matrix interactions, cytoskeletal architecture, and cell behavior in processes such as angiogenesis and wound healing. Lectures will review fundamental concepts in cell biology before delving into topical examples from current literature. Students will work weekly in the lab learning cell culture techniques, soft lithography, microscopy, and classical in vitro assays measuring cell behavior.

Course Notes: **BE121 and ES222 are the same course. This course has a mandatory laboratory section that will require hands-on work outside of scheduled lecture times.**

Recommended Prep: **Inorganic chemistry, cell biology, physics, and mathematics at the level of Applied Mathematics 21 or Mathematics 21. Suggested courses include organic chemistry and molecular biology.**

Additional Course Attributes:

Attribute	Value(s)
GSD: MDS/MDE Rec. Elec.	MDE recommended elective
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Engineering Sciences 226R

Special Topics in Neural Engineering: Learning and Memory in Neural Systems (124391)

Maurice Smith

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Course will present classical findings and new research that give insight into mechanisms of learning and memory formation in neural systems. Learning and memory will be studied both as neurobiological phenomena and as computational challenges.

Course Notes: **Offered in alternate years.**

Recommended Prep: **Applied Mathematics 105a and 105b, probability and statistics.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Engineering Sciences 228

Computational Solid and Structural Mechanics (214512)

Katia Bertoldi

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to finite element methods for analysis of steady-state and transient problems in solid, structural, fluid mechanics, and heat transfer. Implementation of simple MATLAB codes and use of existing general-purpose programs (ABAQUS and COMSOL).

Course Notes: **Offered alternate years.**

Recommended Prep: **Engineering Sciences 120 or equivalent introduction to the mechanics of deformable materials and fluids. Engineering Sciences 123 may be taken concurrently.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Engineering Sciences 230

Advanced Tissue Engineering (119260)

David Mooney

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Fundamental engineering and biological principles underlying field of tissue engineering, along with examples and strategies to engineer specific tissues for clinical use. Student design teams prepare a research proposal and participate in a weekly laboratory.

Recommended Prep: **Biochemistry or cell biology background.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Engineering Sciences 233

Water, Weather and Climate (212719)

Kaighin McColl

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course provides a graduate-level introduction to the global hydrologic cycle and relevant terrestrial and atmospheric processes. It covers the concepts of water and energy balance; atmospheric radiation, composition and circulation; precipitation formation; evaporation and vegetation transpiration; dynamics of the atmospheric boundary layer (ABL), and its coupling with the land surface; boundary layer clouds; atmospheric chemistry within the ABL; and groundwater flow and unsaturated zone processes.

Recommended Prep: **Applied Mathematics 21a,b or Mathematics 21a,b; AND Applied Physics 50a,b, Physics 15a,b or Physical Sciences 12a,b; or equivalent; or by permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Engineering Sciences 234

Technology Venture Immersion (211051)

Conor Walsh

Thomas Eisenmann

2020 Spring (4 Credits) **Schedule:** MTWRFS 0900 AM - 0600 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Using a learning-by-doing approach, student teams will work on their own venture concepts in this intensive immersion course. The course will convey concepts and builds skills required in early stage technology ventures, including problem finding (human-centered design, customer discovery), solution finding (ideation methods, prototyping, user testing), business model validation (hypothesis generation, minimum viable products, lean experimentation), sales and marketing methods, venture financing, and team building and leadership skills. Enrollment limited to first-year MS/MBA: Engineering Sciences students only.

Course Notes: **This course is limited to first-year MS/MBA: Engineering Sciences students only. Intensive January term course, Jan. 9-Jan. 24.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Not Available for Cross Registration
Course Search Attributes	Display Only in Course Search

Engineering Sciences 236A

Integrative Frameworks for Technology, Environment, and Society I (203600)

Woodward Yang

2019 Fall (4 Credits) **Schedule:** TR 0300 PM - 0559 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Developing and implementing good solutions to real problems facing human society requires a broad understanding of the relationships between technology innovation, science, manufacturing, design thinking, environment, sustainability, culture, aesthetics, business, public policy, and government. Various frameworks for understanding these complex relationships within the context of real-world problems will be explored and discussed. Coursework will be based on assigned readings, case studies, research assignments, exercises, and class discussions.

Course Notes: **ES 236a and ES 236b are a two-course sequence.**

Recommended Prep: **This course is for students enrolled in the Master in Design Engineering (MDE) graduate program. A small number of other students may be allowed to enroll by permission of instructor. This course does not count for concentration credit for SEAS undergraduate concentrators; this course does not count as a disciplinary course for SEAS Ph.D. students.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 239

Advanced Innovation in Science and Engineering: Conference Course (118942)

David Weitz

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Students are expected to meet all the requirements of Engineering Sciences 139 and in addition are required to prepare an individual term project with significant analytic emphasis in an area of scientific or technological innovation.

Course Notes: **Offered jointly with the Design School as SCI-06272.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 240

Solid Mechanics (131521)

Joost Vlassak

2019 Fall (4 Credits) **Schedule:** MWF 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Foundations of solid mechanics, development of elasticity theory, and introduction to linear visco-elasticity and plasticity. Basic elasticity solutions. Variational principles. Deformation of plates. Introduction to large deformation.

Recommended Prep: **Applied Mathematics 105 or equivalent; introduction to solid mechanics at the level of Engineering Sciences 120, or Earth and Planetary Sciences 108 or 166, or Applied Physics 293.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students

Engineering Sciences 241

Advanced Elasticity (148181)

Zhigang Suo

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Finite deformation; instabilities; thermodynamics; thermoelasticity; poroelasticity; electroactive polymers, hydrogels, polyelectrolyte gels

Course Notes: **Offered in alternate years.**

Recommended Prep: **Engineering Sciences 240 and Applied Mathematics 201 or equivalents.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Engineering Sciences 250

Information Theory (119057)

Flavio du Pin Calmon

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Fundamental concepts of information theory, Entropy, Kullback-Leibler divergence, Mutual information; typical sequences and their applications, Loss-less data compression, Huffman codes, Elias Codes, Arithmetic Codes, Discrete Memory-less Channels, Channel Coding and Capacity, Differential Entropy, Gaussian Channels, rate distortion theory, Multi-user Information Theory, Connections between information theory and statistics.

Recommended Prep: **Engineering Sciences 150 or knowledge of basic probability.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
GSD: MDS/MDE Rec. Elec.	MDE recommended elective
FAS Divisional Distribution	Science & Engineering & Applied Science

Engineering Sciences 256

Informal Robotics/New Paradigms for Design and Construction (156726)

Chuck Hoberman

2020 Spring (4 Credits) **Schedule:** M 1000 AM - 1259 PM

Instructor Permissions: Instructor **Enrollment Cap:** 5

Today new materials and fabrication techniques are transforming the field of robotics. Rather than rigid metal parts connected by mechanical components, robots may now be made of folded paper, carbon laminates or soft gels. They may be formed fully integrated from a 2D or 3D printer rather than assembled from individual components. Light, compliant, highly customized - we are seeing the emergence of a new design paradigm.

Informal Robotics is a direct collaboration between the Wyss Institute's Bioinspired Robotics platform (http://wyss.harvard.edu/viewpage/204/bioinspired-robotics) and the GSD. Within the class, you will interact with Wyss researchers who will share their unique designs for ambulatory and flying robots, end-effectors, medical instruments and other applications.

The class will explore informal robotics from multiple perspectives, culminating with the design and fabrication of original devices displaying animated intelligence in real-time. Going beyond traditional engineering approaches, we will also explore new opportunities for design at the product, architectural, and urban scales.

The class will be organized along four primary topics:

- Kinematics includes an overview of mechanism principles, design techniques for pop-ups, flat-folding origami structures, and soft mechanisms.

- Fabrication methods will be explored through workshops on use of composite materials, laminated assembly techniques, self-folding, and integrated flexures.

- Controls considers how to actuate movement and program desired behavior. Topics include servos, linear actuators, shape memory alloys (SMAs) and use of Arduino for sensing and actuator control.

Applications takes us beyond purely technological concerns, contextualizing Informal Robotics within larger trends where materials, manufacturing and computation are starting to merge.

Course Notes: **This course does not count for concentration credit for SEAS undergraduate concentrators; this course does not count as a disciplinary course for SEAS Ph.D. students.**

Class Notes: **Jointly offered with GSD SCI 6478 and will meet at GSD.**

Recommended Prep: **This course includes weekly lectures, workshops, and guest lectures. There will be assignments to produce test mechanisms and CAD models, followed by final group projects. Presentations and discussions of ongoing student work are integral to the course. Although, there are no firm prerequisites, some knowledge of scripting and/or fabrication using CNC machines is helpful. Evaluation will be based on completion of assignments and the final project.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Engineering Sciences 258

Introduction to Bioelectronics (215116)

Jia Liu

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The contents and course requirements are similar to those of Biomedical Engineering 129 (BE 129), with the exception that students enrolled in Engineering Sciences 258 (ENG-SCI 258) are expected to undertake a substantial course project.

Recommended Prep: **Applied Physics 50b (OR Physical Sciences 12b, OR Physics 15b), and Math 1a or equivalent. Some background in chemistry and biology at the level of ES 53 is helpful but not required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Engineering Sciences 259

Advanced Introduction to Robotics (134052)

Robert Wood

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Course requirements are similar to Engineering Sciences 159, with the exception that students enrolled in Engineering Sciences 259 are required to prepare a term project analyzing current research in a specific problem area within Robotics.

Course Notes: **Offered in alternate years.**

Recommended Prep: **Computer Science 50 and either Engineering Sciences 125 or 156.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Engineering Sciences 273

Optics and Photonics (123351)

Federico Capasso

2019 Fall (4 Credits) **Schedule:** WF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

The focus is on the foundations of optics/photonics and on some of its most important modern developments and applications. Powerful and widely used computational tools will be developed in the sections. Topics to be covered: Maxwell's equations, Free space optics. Reflection, refraction, polarization (Jones Calculus and Stokes parameters); interference and diffraction. Light-matter interaction, dispersion and absorption. Guided wave optics (including optical fibers). Perturbation and couple mode theory, transfer matrix methods; numerical methods. Optical resonators. Photonic crystals. Near-field optics. Metal optics and Plasmonics. Metamaterials and Metasurfaces.

Course Notes: **Open to graduate students and advanced undergraduates.**

Recommended Prep: **Elements of Electromagnetism, such as taught in Applied Physics 50b, Physics 15b, Physical Sciences 12b, Engineering Sciences 151 or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 277

Microfabrication Laboratory (109357)

Marko Loncar

2020 Spring (4 Credits) **Schedule:** M 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Content and requirements are similar to Engineering Sciences 177, with the addition that students enrolled in Engineering Sciences 277 are given an additional project.

Requirements: **Graduate Students Only (Undergraduates can submit a request to enroll)**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Engineering Sciences 280

Systems Engineering (208004)

Robert D. Howe

Venkat Venkatasubramanian

2019 Fall (4 Credits) **Schedule:** MTWRF 0900 AM - 1200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This is the first core course for students in the MS/MBA: Engineering Sciences program, to be taken in August of the first year of the program. The course will begin with methods for modeling engineering and business systems, including discrete and continuous systems and feedback controls. Students will write simple simulations and then use professional modeling software to simulate complex systems. Students will next learn design methodology, including stakeholder modeling, ideation, and decision making tools. A final team project will involve design of a system, including simulation and prototyping.

Course Notes: **This course is limited to first-year MS/MBA: Engineering Sciences students only. Intensive 3-week course, Aug. 7-23.**

Recommended Prep: **Calculus, linear algebra, differential equations.**

Requirements: **First year MS/MBA students only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Engineering Sciences 285

Integrated Design (212920)

B Altringer

Krzysztof Gajos

Alan Maccormack

2019 Fall (4 Credits) **Schedule:** MW 0345 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 35

Leading advanced design projects requires the integration of multiple skill areas and ongoing learning about the best data-driven tools to guide development. This course is structured to provide a comprehensive education in all stages of the new product design process, from idea generation to concept development, detailed design and prototyping, testing and integrating data into design decisions. The

emphasis is on the way that design teams must both generate and utilize data to make decisions under conditions of extreme uncertainty. A critical feature of modern technical design challenges is that the problem space and solution space are often poorly defined, and/or to a large extent unbounded. The course aims to provide students with rigorous analytical tools to deal with such uncertainties.

Class Notes: **This course is limited to second-year MS/MBA: Engineering Sciences students only.**

Recommended Prep: **Integrated Design is a required core course for the Harvard MS/MBA joint degree program. It builds on skills and tools developed in prior courses in the MS/MBA core sequence. Specifically, students enrolled in this course must have taken Systems Engineering, which covers advanced statistical analysis techniques, data analytics, and the modeling and simulation of complex engineered systems. Students must also have taken the intensive course Technology Venture Immersion, which covers the fundamentals of achieving product-market fit in early-stage ventures, encompassing tools and techniques for problem finding (e.g., customer interviewing and persona development) and solution finding (e.g., brainstorming, prototyping, user testing and defining a Minimum Viable Product).**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Engineering Sciences 291

Nano Micro Macro: Adaptive Material Laboratory (156219)

Joanna Aizenberg

Jonathan Grinham

2019 Fall (4 Credits) **Schedule:** W 0830 AM - 1129 AM

Instructor Permissions: Instructor **Enrollment Cap:** 8

This course is an interdisciplinary platform for designers, engineers, and scientists to interact and develop innovative new products. The course introduces ideas-to-innovation processes in a hands-on, project/product focused manner that balance design and engineering concepts with promising, real-world opportunities. Switching back and forth between guided discovery and focused development, between bottom-up and top-down thinking, and market analyses, the course helps students establish generalizable frameworks as researchers and innovators with a focus on new and emerging technologies. Students will conduct part of their work in the Wyss Institute or SEAS science labs on Oxford Street, as well as in the GSD FabLab at Gund Hall. There are no prerequisites.

Note! MDE students, this course can satisfy a GSD course requirement by enrolling in SCI 6477, or a SEAS course requirement by enrolling in ES 291. But it cannot simultaneously satisfy both requirements.

Course Notes: **Offered jointly with Harvard Graduate School of Design as SCI 6477 and will meet at GSD.**

Class Notes:

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
GSD: MDS/MDE Rec. Elec.	MDE recommended elective
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Engineering Sciences 292A

Launch Lab/Capstone 1 (214579)

Russell J Wilcox

Alan Maccormack

2020 Spring (4 Credits) **Schedule:** MTWRFSS 0900 AM - 0459 PM

Instructor Permissions: Instructor **Enrollment Cap:** 35

The MS/MBA Capstone is an intensive project that requires teams of students to apply and integrate the skills they have learned across core disciplines developed in the program curriculum. Specifically, teams will be expected to design, build and launch a new technology-based product/service venture, and thereby to demonstrate mastery with respect to three areas of knowledge: Design Knowledge: The use of human-centered design methods to understand users, identify solutions to their needs, and gather feedback via rapid, iterative prototyping. Technical Knowledge: The use of rigorous system engineering methods to plan, design, develop, build, and test a complex technology-based product/service, integrating knowledge across multiple engineering disciplines. Business Knowledge: The use of business model analysis and lean experimentation methods to develop and test a set of hypotheses that capture how the new product/service will create value, including business model design, pricing, sales and marketing, operating model and profit formula.

The Capstone is divided into two parts, the first of which is an immersive course completed during the January term of the G2 year (Capstone I). The subsequent spring course (Capstone II) follows on from and builds upon work completed in January. In Capstone II, dedicated mentors will be allocated to each team based upon the specific projects they are completing. Given students prior coursework, a working knowledge of human-centered design methods, systems engineering techniques, and business modeling and lean experimentation is assumed. Launch Lab therefore focuses on the practical application of these skills to team projects, supplemented by content in three areas: i) seminars on advanced methods and techniques, ii) workshops that demonstrate how to put these skills and tools into practice, and iii) guest speakers who share their experience in the areas of design, technology and business.

Course Notes: **Open to MS/MBA: Engineering Sciences students only.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students

Engineering Sciences 292B

Launch Lab/Capstone 2 (214580)

Russell J Wilcox

Thomas Eisenmann

2020 Spring (4 Credits) **Schedule:** M 0345 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 35

The MS/MBA Capstone is an intensive project that requires teams of students to apply and integrate the skills they have learned across core disciplines developed in the program curriculum. Specifically, teams will be expected to design, build and launch a new technology-based product/service venture, and thereby to demonstrate mastery with respect to three areas of knowledge: Design Knowledge: The use of human-centered design methods to understand users, identify solutions to their needs, and gather feedback via rapid, iterative prototyping. Technical Knowledge: The use of rigorous system engineering methods to plan, design, develop, build, and test a complex technology-based product/service, integrating knowledge across multiple engineering disciplines. Business Knowledge: The use of business model analysis and lean experimentation methods to develop and test a set of hypotheses that capture how the new product/service will create value, including business model design, pricing, sales and marketing, operating model and profit formula.

The Capstone is divided into two parts, the first of which is an immersive course completed during the January term of the G2 year (Capstone I). The subsequent spring course (Capstone II) follows on from and builds upon work completed in January. In Capstone II, dedicated mentors will be allocated to each team based upon the specific projects they are completing. Given students prior coursework, a working knowledge of human-centered design methods, systems engineering techniques, and business modeling and lean experimentation is assumed. Launch Lab therefore focuses on the practical application of these skills to team projects, supplemented by content in three areas: i) seminars on advanced methods and techniques, ii) workshops that demonstrate how to put these skills and tools into practice, and iii) guest speakers who share their experience in the areas of design, technology and business.

Course Notes: **Open to MS/MBA: Engineering Sciences students only.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None

Engineering Sciences 293

Cryo-Electron Microscopy for Biological and Soft Materials Lecture/Lab (205078)

David Bell

2019 Fall (4 Credits) **Schedule:** M 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 16

This class covers the fundamental principles underlying cryo-electron microscopy applied to Biological and SoftMaterials starting with the basic anatomy of electron microscopes, an introduction to Fourier transforms, and the principles of image formation. Building upon that foundation, the class then covers the sample preparation issues, data collection strategies, and basic image processing workflows.

Recommended Prep: **Freshman-level math, physics, (biochemistry preferred optional).**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 298AR

Innovating in Health Care (214632)

Regina Herzlinger

2020 Spring (4 Credits) **Schedule:** MTW 0115 PM - 0315 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This course enables students to bring their entrepreneurial health care ventures to market by:

1) Learning how to align their venture with the six factors that influence entrepreneurial ventures - the structure of the health care system, its financing, technology, consumers, accountability, and public policy; and
2) Learning the nine essential elements of a business model.

The course uses case studies of all kinds of health care innovations – delivery, med tech, insurance, biopharma – in global settings and lectures on subjects such as reimbursement to enable these learnings.

Students apply these learnings to complete a business plan for an entrepreneurial venture. The project can be completed with a team of classmates.

Class Notes: **Med Tech Cases Include: CVI Ingenuity (A) & (B), PARAXEL International Corp.: Stages of Innovation, Reinventing Brainlab (A) & (B), Emdeon's Acquisition of Change Healthcare: Innovating Transparency Solutions for Health Care Consumers, ABC Pharmaceuticals, Medtronic: Patient Management Initiative (A) & (B), Fitbit, Philips-Visicu, and Phreesia. Meets Mon., Tues., and various Wed., 1:15pm – 3:15pm, at HBS, Aldrich Hall, Room 210.**

Class Notes: **Information about accessing the HBS Canvas system can be found online.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 298BR

Principles of Collective Learning (213732)

Cesar Hidalgo

2019 Fall (4 Credits) **Schedule:** M 0945 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

How do teams, cities, and nation learn? How do they acquire the knowledge they need to improve their capacities, or enter new activities? This course will equip students with a basic understanding of both, the mechanisms that govern the creation, diffusion, and valuation of knowledge, and the tools needed to study these mechanisms. The course will be divided into three parts. The first part describes the mechanisms that contribute to the collective accumulation of knowledge (e.g. learning curves). The second part will focus on knowledge diffusion, and on the mechanisms governing it across geographies, social networks, and productive activities. The third part will focus on the consequences of knowledge accumulation, for the distribution of wealth and economic activity. These three big lessons will be complemented with lectures

and discussions on the policy implications of this knowledge-based view of economies and with mathematical models describing the accumulation and recombination of knowledge. The course's learning goals will be supported with hands on data exercises in which students will use data on international trade, employment, and patents, to reproduce classical studies.

Course Notes: **Open to Master of Design Engineering, Graduate School of Design, and School of Engineering and Applied Sciences.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
GSD: MDS/MDE Rec. Elec.	MDE recommended elective

Engineering Sciences 298CR

Methodologies in Design Engineering (214441)

Nabil Harfoush

2019 Fall (4 Credits) **Schedule:** F 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This is an SAT/UNSAT course focused on providing leaders and change makers with methodologies and practices that can be deployed in real-life situations. Weekly meetings will discuss pre-assigned readings and apply learning through in-class exercises and workshops. The course will focus on four broad areas:

1. **Strategic decision support tools including the design of resilient planning; rapid business model analysis, and design of sustainable business models.**
2. **Qualitative research methods including observations, interviewing techniques, and survey design; organization and evaluation of qualitative data using IT systems.**
3. **Fundamentals of science and engineering including: materials properties and characterization; Reynolds number applications for identifying flow type (laminar, molecular, turbulent); PCR (Polymerase Chain Reaction) fundamentals of molecular biology and its applications.**
4. **Key methodologies for prototyping (physical; virtual; tangible futures; large-scale interventions).**

Class Notes: **Enrollment is subject to approval of instructor, with MDE graduate students (first and second year) receiving priority.**

Recommended Prep: **The methodologies and practices selected require minimal technical skills.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Engineering Sciences 298R

Methodologies in Design Engineering (213398)

Kit Parker

Fawwaz Habbal

2020 Spring (4 Credits) **Schedule:** F 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This is a SAT/UNSAT seminar course focused on design thinking, analysis, planning, and executing the development of engineered systems. Weekly meetings will include discussions and assigned readings of case studies and examples of the systems surrounding the developing technical system. Organizing and executing research, innovation, and product design at the scales from academic group, to startup, to major industry will be discussed. The course is designed to allow the engineer and designer to integrate technical knowledge into an executable framework as an individual or leader of a design team.

Course Notes: **Enrollment subject to approval of the instructor, with first and second year MDE graduate students receiving priority. Undergraduates are not allowed to enroll.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 298R

Solving Tech's Public Dilemmas (107995)

Ash Carter

2019 Fall (4 Credits) **Schedule:** MW 0115 PM - 0230 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course identifies and analyzes alternative solutions to the dilemmas that disruptive technology is posing to public good in the digital, biotech, and jobs and training domains. The objective is for students to craft technologically-informed practical public-private approaches to some of the key policy issues of our time. It begins with a brief history of successful and unsuccessful governance of far-reaching technological changes in the past. The first part of the course treats the ongoing digital revolution, crafting solutions to issues of social media responsibility, cybersecurity, and artificial intelligence (AI). It then turns to the biotech revolution that is gathering momentum, addressing genome editing, bioweapons and bioterror, and the role of venture capital in biotech. The third segment of the course addresses the ways that technology is disrupting the nature of work and lifelong training. The example of driverless cars will be used to illustrate the challenges and opportunities that technology provides to sustain cohesive and prosperous societies in the era of tech "disruption". Assignments stress development of key writing and speaking skills.

Course Notes: **Cannot be used for computer science or engineering concentration credit. Jointly offered with and meets at HKS. See HKS IGA 505 for classroom information.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course

GSD: MDS/MDE Rec. Elec.	MDE recommended elective
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Engineering Sciences 299R

Special Topics in Engineering Sciences (143668)

Fawwaz Habbal

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Supervision of experimental or theoretical research on acceptable engineering and applied science problems and supervision of reading on topics not covered by regular courses of instruction.

Course Notes: **Open to graduate students and AB/SM candidates only. Students must arrange such work with a member of the School of Engineering and Applied Sciences. This course is graded and is ordinarily taken with the approval of the Committee on Higher Degrees. Applicants must file a project sheet before study cards are filed. Project sheets may be obtained from the Student Affairs Office, Pierce Hall 110.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 299R

Special Topics in Engineering Sciences (143668)

Fawwaz Habbal

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Supervision of experimental or theoretical research on acceptable engineering and applied science problems and supervision of reading on topics not covered by regular courses of instruction.

Course Notes: **Open to graduate students and AB/SM candidates only. Students must arrange such work with a member of the School of Engineering and Applied Sciences. This course is graded and is ordinarily taken with the approval of the Committee on Higher Degrees. Applicants must file a project sheet before study cards are filed. Project sheets may be obtained from the Student Affairs Office, Pierce Hall 110 or at https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Engineering Sciences 301

SEAS Teaching Practicum (125374)

John Girash

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Practicum emphasizing an active but reflective approach to teaching applied sciences and engineering; designed for graduate students in any SEAS area, not specifically Engineering Sciences. Topics: presentation and communication; in-class teaching and interaction; developing, grading and giving feedback on assignments; course head / TF relations and expectations; cognition and learning. Seminar style with an emphasis on observation, practice, feedback, and reflection. While the primary context of the course is classroom-style teaching, those interested in developing instructional communication skills in other contexts within science and engineering -- labs/studios, presentations, etc. -- are quite welcome, and course tasks can be adjusted for such.

Course Notes: **Unlike most 300-level courses at SEAS, this is a class with a regular meeting time and some assignments, largely involving lesson prep and brief background reading. The class will alternate between "teaching weeks" (likely taking until 5:45) and "reflection weeks" (aiming to end at 5pm). Counts towards the Derek Bok Center's Teaching Certificate. Graduate students from all science and engineering fields within Harvard are welcome. Postdocs and motivated undergraduates may audit, doing the same work as enrolled graduate students. Formerly COMPSCI 365.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 302

Nanophotonics (120144)

Fawwaz Habbal

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Engineering Sciences 302

Nanophotonics (120144)

Fawwaz Habbal

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Engineering Sciences 304

Topics in Electronic Materials and Semiconductor Heterostructure Physics (111978)

Venkatesh Narayanamurti

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Engineering Sciences 304

Topics in Electronic Materials and Semiconductor Heterostructure Physics (111978)

Venkatesh Narayanamurti

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 306

Control Theory (156746)

Na Li

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Engineering Sciences 306

Control Theory (156746)

Na Li

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 308

Control Theory, Robotics, Computer Vision, and Intelligent Machines (131474)

Roger Brockett

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Engineering Sciences 308

Control Theory, Robotics, Computer Vision, and Intelligent Machines (131474)

Roger Brockett

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Engineering Sciences 310

Design, Sensing, and Control (148221)

Robert D. Howe

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 310

Design, Sensing, and Control (148221)

Robert D. Howe

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Engineering Sciences 312

Information Theory and Applications (205902)

Flavio du Pin Calmon

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Engineering Sciences 312

Information Theory and Applications (205902)

Flavio du Pin Calmon

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Engineering Sciences 314

Image Processing and Computer Vision (120087)

Todd Zickler

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Engineering Sciences 314

Image Processing and Computer Vision (120087)

Todd Zickler

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Engineering Sciences 316

Wireless Computing and Networking (146777)

H. Kung

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Engineering Sciences 316

Wireless Computing and Networking (146777)

H. Kung

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Engineering Sciences 318

Structured Representations, Computing and Inference for Stochastic Systems (160964)

Demba Ba

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 318

Structured Representations, Computing and Inference for Stochastic Systems (160964)

Demba Ba

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Engineering Sciences 320

Microrobotics and Bio-inspired Autonomous Robotic Systems (121405)

Robert Wood

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Engineering Sciences 320

Microrobotics and Bio-inspired Autonomous Robotic Systems (121405)

Robert Wood

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Engineering Sciences 321

Edge Computing (212606)

Vijay Janapa Reddi

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Engineering Sciences 321

Edge Computing (212606)

Vijay Janapa Reddi

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Engineering Sciences 322

Heterogeneous Nanophotonic Devices and Bio-templated Electronic Materials (125480)

Evelyn Hu

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Engineering Sciences 322

Heterogeneous Nanophotonic Devices and Bio-templated Electronic Materials (125480)

Evelyn Hu

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Engineering Sciences 324

Materials Processing (120117)

Jennifer Lewis

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 324

Materials Processing (120117)

Jennifer Lewis

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Engineering Sciences 326

Mixed-Signal VLSI Design (115694)

Gu-Yeon Wei

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Engineering Sciences 326

Mixed-Signal VLSI Design (115694)

Gu-Yeon Wei

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Engineering Sciences 328

Circuit Design and Scientific Instrumentation (116341)

Paul Horowitz

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Engineering Sciences 328

Circuit Design and Scientific Instrumentation (116341)

Paul Horowitz

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Engineering Sciences 329

Readings in Dynamic Meteorology (113399)

Brian Farrell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Engineering Sciences 329

Readings in Dynamic Meteorology (113399)

Brian Farrell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 332

Integrated Circuits and Electronics (117620)

Donhee Ham

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Engineering Sciences 332

Integrated Circuits and Electronics (117620)

Donhee Ham

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Engineering Sciences 334

Mechanics and Materials in Small Structures (118787)

Zhigang Suo

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Engineering Sciences 334

Mechanics and Materials in Small Structures (118787)

Zhigang Suo

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 336

Mechanics of Engineering Materials and Small Devices (114275)

Joost Vlassak

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Engineering Sciences 336

Mechanics of Engineering Materials and Small Devices (114275)

Joost Vlassak

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Engineering Sciences 338

Mechanics of Solids and Fluids: Earthquake Seismology and Environmental Geomechanics (136043)

James Rice

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Engineering Sciences 338

Mechanics of Solids and Fluids: Earthquake Seismology and Environmental Geomechanics (136043)

James Rice

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Engineering Sciences 340

Materials Physics and Engineering (125478)

David Clarke

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Engineering Sciences 340

Materials Physics and Engineering (125478)

David Clarke

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Engineering Sciences 342

Mechanics of Soft Materials (127073)

Katia Bertoldi

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Engineering Sciences 342

Mechanics of Soft Materials (127073)

Katia Bertoldi

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 344

Deformation and Fracture of Materials (146775)

John Hutchinson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Engineering Sciences 344

Deformation and Fracture of Materials (146775)

John Hutchinson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Engineering Sciences 346

Neural Control of Movement (121466)

Maurice Smith

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Engineering Sciences 346

Neural Control of Movement (121466)

Maurice Smith

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Engineering Sciences 348

Biomolecular Engineering, Molecular Self-Assembly and Responsive Materials (127071)

Neel Joshi

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 350

Materials Science (107734)

Roy Gordon

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Engineering Sciences 350

Materials Science (107734)

Roy Gordon

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Engineering Sciences 352

Engineering Mammalian Cell Phenotype (119262)

David Mooney

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Engineering Sciences 352

Engineering Mammalian Cell Phenotype (119262)

David Mooney

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Engineering Sciences 354

Cellular Biophysics (118030)

Kit Parker

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Engineering Sciences 354

Cellular Biophysics (118030)

Kit Parker

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 355

Bioelectronics (212600)

Jia Liu

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Engineering Sciences 355

Bioelectronics (212600)

Jia Liu

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Engineering Sciences 356

Bioinspired Engineering (109276)

Donald Ingber

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Engineering Sciences 356

Bioinspired Engineering (109276)

Donald Ingber

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Engineering Sciences 358

Atmosphere-Biosphere Interactions (144759)

Steven Wofsy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Engineering Sciences 358

Atmosphere-Biosphere Interactions (144759)

Steven Wofsy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 360

Stratospheric Chemistry and Transport (143830)

Steven Wofsy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Engineering Sciences 360

Stratospheric Chemistry and Transport (143830)

Steven Wofsy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Engineering Sciences 362

Atmospheric Chemistry (144339)

Daniel Jacob

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 362

Atmospheric Chemistry (144339)

Daniel Jacob

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Engineering Sciences 366

Topics in Atmospheric and Climate Dynamics (121289)

Zhiming Kuang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Engineering Sciences 366

Topics in Atmospheric and Climate Dynamics (121289)

Zhiming Kuang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Engineering Sciences 367

Climate Physics (213687)

Marianna Linz

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Engineering Sciences 367

Climate Physics (213687)

Marianna Linz

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Engineering Sciences 368

Environmental Science (122867)

Michael McElroy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Engineering Sciences 368

Environmental Science (122867)

Michael McElroy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 372

Atmospheric and Environmental Chemistry (160978)

Frank Keutsch

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Engineering Sciences 372

Atmospheric and Environmental Chemistry (160978)

Frank Keutsch

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Engineering Sciences 376

Environmental Biology (131498)

Ralph Mitchell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Engineering Sciences 376

Environmental Biology (131498)

Ralph Mitchell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Engineering Sciences 378

Transport Phenomena and Biomaterials for Drug Delivery (119026)

David Edwards

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Engineering Sciences 378

Transport Phenomena and Biomaterials for Drug Delivery (119026)

David Edwards

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Engineering Sciences 380

Biologically Inspired Design and Control of Medical Devices and Robots (122347)

Conor Walsh

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Engineering Sciences 380

Biologically Inspired Design and Control of Medical Devices and Robots (122347)

Conor Walsh

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Engineering Sciences 384

Energy Related Materials and Technologies (160965)

Xin Li

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 384

Energy Related Materials and Technologies (160965)

Xin Li

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 386

Drug Delivery Methodologies (205867)

Samir Mitragotri

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Engineering Sciences 386

Drug Delivery Methodologies (205867)

Samir Mitragotri

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Engineering Sciences 388

Theory, Dynamics and Transport in Quantum Materials (205885)

Prineha Narang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Engineering Sciences 388

Theory, Dynamics and Transport in Quantum Materials (205885)

Prineha Narang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Engineering Sciences 389

Atomistic Computational Design of Functional Materials (212611)

Boris Kozinsky

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Engineering Sciences 389 Section: 01

Atomistic Computational Design of Functional Materials (212611)

Boris Kozinsky

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Engineering Sciences 390

Environmental Chemistry (114496)

Scot Martin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Engineering Sciences 390

Environmental Chemistry (114496)

Scot Martin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Engineering Sciences 392

Environmental Chemistry (160971)

Elsie Sunderland

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Engineering Sciences 392

Environmental Chemistry (160971)

Elsie Sunderland

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 394

Microelectronics and VLSI Systems (121471)

Woodward Yang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Engineering Sciences 394

Microelectronics and VLSI Systems (121471)

Woodward Yang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Engineering Sciences 396

Nanoscale Optics, NEMS and Nanofabrication Technology (122884)

Marko Loncar

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Engineering Sciences 396

Nanoscale Optics, NEMS and Nanofabrication Technology (122884)

Marko Loncar

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Engineering Sciences 398

Multidimensional Signal Processing, Sensor Networks, and Computational Imaging (127402)

Yue Lu

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Engineering Sciences 398

Multidimensional Signal Processing, Sensor Networks, and Computational Imaging (127402)

Yue Lu

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Engineering Sciences 399-TIME

Academic-Related Work for SEAS Graduate Students (208271)

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Enrollment in ES 399-TIME is open to any SEAS Ph.D., M.E., or S.M. student who holds a SEAS or FAS Teaching Fellow (TF) appointment and is engaged in teaching a course. Once hired to teach in a specific course, whether within or outside SEAS, the student must complete the online form at http://tinyurl.com/seastfform.

SEAS Ph.D. students who are required to enroll in the Bok Center's non-credit *Communicating Science* seminar in order to meet the GSAS English Language Proficiency requirement may also enroll in 4 units of ES 399-TIME.

Course Notes: **Teaching Fellows may enroll in 4 units of ES 399-TIME for a .25 FTE TF appointment, or up to 8 units of ES 399-TIME for a .5 FTE TF appointment. TFs should not enroll in the course in which they are teaching.**

Any enrollment in ES 399-TIME other than as described here is disallowed by SEAS policy, with exceptions requiring prior approval of the Director of Graduate Studies. ES 399-TIME cannot be used to satisfy any degree requirements.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Engineering Sciences 399-TIME

Academic-Related Work for SEAS Graduate Students (208271)

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Enrollment in ES 399-TIME is open to any SEAS Ph.D., M.E., or S.M. student who holds a SEAS or FAS Teaching Fellow (TF) appointment and is engaged in teaching a course. Once hired to teach in a specific course, whether within or outside SEAS, the student must complete the online form at http://tinyurl.com/seastfform.

SEAS Ph.D. students who are required to enroll in the Bok Center's non-credit *Communicating Science* seminar in order to meet the GSAS English Language Proficiency requirement may also enroll in 4 units of ES 399-TIME.

Course Notes: **Teaching Fellows may enroll in 4 units of ES 399-TIME for a .25 FTE TF appointment, or up to 8 units of ES 399-TIME for a .5 FTE TF appointment. TFs should not enroll in the course in which they are teaching.**

Any enrollment in ES 399-TIME other than as described here is disallowed by SEAS policy, with exceptions requiring prior approval of the Director of Graduate Studies. ES 399-TIME cannot be used to satisfy any degree requirements.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

English

Subject: English

English CAFR

CAFR: Advanced Fiction Workshop: Writing this Present Life (160953)

Claire Messud

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Intended for students with prior fiction-writing and workshop experience, this course will concentrate on structure, execution and revision. Exploring various strands of contemporary and recent literary fiction – writers such as Karl Ove Knausgaard, Rachel Cusk, Chimamanda Adichie, Valeria Luiselli, etc – we will consider how fiction works in our present moment, with emphasis on a craft perspective. Each student will present to the class a published fiction that has influenced them. The course is primarily focused on the discussion of original student work, with the aim of improving both writerly skills and critical analysis. Revision is an important component of this class: students will workshop two stories and a revision of one of these.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students

English CAFR

CAFR: Advanced Fiction Workshop: Writing this Present Life (160953)

Claire Messud

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Intended for students with prior fiction-writing and workshop experience, this course will concentrate on structure, execution and revision. Exploring various strands of contemporary and recent literary fiction – writers such as Karl Ove Knausgaard, Rachel Cusk, Chimamanda Adichie, Valeria Luiselli, etc – we will consider how fiction works in our present moment, with emphasis on a craft perspective. Each student will present to the class a published fiction that has influenced them. The course is primarily focused on the discussion of original student work, with the aim of improving both writerly skills and critical analysis. Revision is an important component of this class: students will workshop two stories and a revision of one of these.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

English CAMR

Advanced Playwriting: Workshop (145402)

Sam Marks

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This workshop is a continued exploration of writing for the stage. Students will be encouraged to excavate their own voice in playwriting. They will examine and attempt multiple narrative strategies and dialogue techniques. They will bolster their craft of playwriting through generating short scripts and a completed one act. Readings will include significant contributors to the theatrical form such as Ibsen and Beckett as well as contemporary dramatists such as Annie Baker, Caryl Churchill and Sam Shepard.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

English CAP

The Art of the Personal Essay: Workshop (213301)

Darcy Frey

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

What makes a successful work of personal narrative? What lifts mere experience into shapely art? In this workshop, students will study—partly through reading iconic and experimental essayists, mainly through the submission of their own writing—the art of the personal essay. We will explore elements of the craft such as the construction of a trustworthy narrator, varieties of structure and the fashioning of a satisfying

conclusion. Readings include work by Annie Dillard, Joan Didion, James Baldwin and David Foster Wallace. Writing assignments include several short exercises, two 10-page essays and an extensive revision.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

English CAP

The Art of the Personal Essay: Workshop (213301)

Darcy Frey

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

What makes a successful work of personal narrative? What lifts mere experience into shapely art? In this workshop, students will study—partly through reading iconic and experimental essayists, mainly through the submission of their own writing—the art of the personal essay. We will explore elements of the craft such as the construction of a trustworthy narrator, varieties of structure and the fashioning of a satisfying conclusion. Readings include work by Annie Dillard, Joan Didion, James Baldwin and David Foster Wallace. Writing assignments include several short exercises, two 10-page essays and an extensive revision.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

English CAPR

Poetry: Workshop (120472)

Jorie Graham

2020 Spring (4 Credits) **Schedule:** W 0600 PM - 0845 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Open by application to both undergraduates and graduates. Class lasts three hours and includes the study of poetic practice in conjunction with the discussion of student work.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students

English CAPR Section: 002

Poetry: Workshop (120472)

Jorie Graham

2020 Spring (4 Credits) **Schedule:** T 0600 PM - 0845 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Open by application to both undergraduates and graduates. Class lasts three hours and includes the study of poetic practice in conjunction with the discussion of student work.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

English CBBR

Intermediate Poetry: Workshop (146632)

Joshua Bell

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Initially, students can expect to read, discuss, and imitate the strategies of a wide range of poets writing in English; to investigate and reproduce prescribed forms and poetic structures; and to engage in writing exercises meant to expand the conception of what a poem is and can be. As the course progresses,

reading assignments will be tailored on an individual basis, and an increasing amount of time will be spent in discussion of student work.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

English CBBR

Intermediate Poetry: Workshop (146632)

Joshua Bell

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Initially, students can expect to read, discuss, and imitate the strategies of a wide range of poets writing in English; to investigate and reproduce prescribed forms and poetic structures; and to engage in writing exercises meant to expand the conception of what a poem is and can be. As the course progresses, reading assignments will be tailored on an individual basis, and an increasing amount of time will be spent in discussion of student work.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

English CBF

Breaking Form: Creative Writing Workshop (208934)

Teju Cole

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

The tension between the invented and the observed has compelled many writers to break out of inherited

forms. What is the dividing line between fiction and non-fiction? What are the possibilities for very short narrative pieces? What is "poetic" writing anyway? In this writing workshop, our thinking will be helped along by a wide variety of texts, including work from Félix Fénéon, Georges Perec, Toni Morrison, and Anne Carson. The course will be assessed on classroom participation, a series of shorter written pieces, and a revised final project.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

English CBF Section: 002

Breaking Form: Creative Writing Workshop (208934)

Teju Cole

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

The tension between the invented and the observed has compelled many writers to break out of inherited forms. What is the dividing line between fiction and non-fiction? What are the possibilities for very short narrative pieces? What is "poetic" writing anyway? In this writing workshop, our thinking will be helped along by a wide variety of texts, including work from Félix Fénéon, Georges Perec, Toni Morrison, and Anne Carson. The course will be assessed on classroom participation, a series of shorter written pieces, and a revised final project.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

English CEI

The Immigrant and the Exile: Workshop (213300)

Paul Yoon

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This is a workshop specifically designed to explore the ways writers have given voice to the experience of being a stranger in a strange land. We'll spend a semester studying and writing stories that attempt to capture the spectrum of characters who feel like outsiders in the place they reside in, and also those who have left somewhere to begin anew—the joys and the great challenges—and how we craft and put into words the idea of "foreignness," "exile," "immigrant," and "home." Some writers we'll read include: Jhumpa Lahiri, Jenny Zhang, Nam Le, Akhil Sharma, and Don Lee.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

English CFMR

Introductory Fiction Workshop: Finding and Shaping the Story (160952)

Claire Messud

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

An introductory fiction workshop, in which students will explore elements of craft such as character, point of view, setting, detail, style, etc. The first weeks will be devoted to fiction readings (including Gustave Flaubert, James Joyce, Ernest Hemingway, Toni Morrison, Alice Munro, Yiyun Li, Richard Flanagan, NoViolet Bulawayo, among others) and creative exercises; most of the semester will be spent workshopping student fiction. The final project involves significant revision of a story.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students

English CFMR

Introductory Fiction Workshop: Finding and Shaping the Story (160952)

Claire Messud

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

An introductory fiction workshop, in which students will explore elements of craft such as character, point of view, setting, detail, style, etc. The first weeks will be devoted to fiction readings (including Gustave Flaubert, James Joyce, Ernest Hemingway, Toni Morrison, Alice Munro, Yiyun Li, Richard Flanagan, NoViolet Bulawayo, among others) and creative exercises; most of the semester will be spent workshopping student fiction. The final project involves significant revision of a story.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

English CFS

Writing the Feature Screenplay: Workshop (215735)

Shrihari Sathe

2020 Spring (4 Credits) **Schedule:** W 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

The feature-length screenplay is an opportunity to tell a story on a larger scale, and, therefore, requires additional preparation. In this class, we will move from writing a pitch, to a synopsis, to a treatment/outline, to the first 10 pages, to the first act of a feature screenplay. We will analyze produced scripts and discuss various elements of craft, including research, writing layered dialogue, world-building, creating an engaging cast of characters. Students will end the semester with a first act (20-30 pages) of their feature, an outline, and strategy to complete the full script.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

English CFW

Character and Consciousness: Advanced Narrative Techniques Fiction Workshop (215753)

ZZ Packer

2020 Spring (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This course focuses on how artful characterization works to create complex psychological portraits in fiction. We will read fiction and criticism to understand how character informs nearly every element of storytelling craft, and we will incorporate what we've gleaned from our readings into our own writing. After review of fundamental craft elements such as imagery, dialogue and scene, we will examine more advanced narrative techniques such as psychonarration, interiority and focalization, and seek to understand how they contribute to the voice, consciousness and subjectivity of a character. The core of our practice will be comprised of short weekly assignments, in-class exercises, and character studies, culminating in one complete story and revision to be workshopped by peers.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

English CFW Section: 002

Character and Consciousness: Advanced Narrative Techniques Fiction Workshop (215753)

ZZ Packer

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This course focuses on how artful characterization works to create complex psychological portraits in fiction. We will read fiction and criticism to understand how character informs nearly every element of storytelling craft, and we will incorporate what we've gleaned from our readings into our own writing. After review of fundamental craft elements such as imagery, dialogue and scene, we will examine more advanced narrative techniques such as psychonarration, interiority and focalization, and seek to understand how they contribute to the voice, consciousness and subjectivity of a character. The core of our practice will be comprised of short weekly assignments, in-class exercises, and character studies, culminating in one complete story and revision to be workshopped by peers.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

FAS Course Roll	FAS Course Roll

English CGF

Genre Fiction Workshop: Sci-Fi, Fantasy, Speculative Fiction, Horror, The Ghost Story, The New Weird (213327)

Indraneel Mukherjee

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

The course will consist of two halves. In the first hour of each class, we will be doing close readings of an assigned text (please see 'Syllabus'), with the aim of isolating some concept or aspect of the genre under discussion in order to take bearings for your own. The assigned reading is obligatory. We will be looking at questions of genre, and at the reasons for the quotation marks bracketing the word genre in the heading. We will also look at the convergences and divergences in the various kinds and modes mentioned in the title of the course. We will be thinking of generic *topoi*, conceptual underpinnings, imagination, style, world-building, storytelling, resolution, among other things.

In the second half of the class, divided into two equal segments of 50 minutes each, we will be workshopping the writing of two students. Our goal is for each of you to have two turns, and approximately 5-10,000 words of your work critiqued, by the time semester ends. The final project involves significant redrafting of a story or a portion of a novel.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

English CHCR

Advanced Poetry: Workshop (130000)

Joshua Bell

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

By guided reading, classroom discussion, one on one conference, and formal and structural experimentation, members of the Advanced Poetry Workshop will look to hone, deepen, and challenge the development of their poetic inquiry and aesthetic. Students will be required to write and submit one new poem each week and to perform in-depth, weekly critiques of their colleagues' work.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

English CHCR

Advanced Poetry: Workshop (130000)

Joshua Bell

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

By guided reading, classroom discussion, one on one conference, and formal and structural experimentation, members of the Advanced Poetry Workshop will look to hone, deepen, and challenge the development of their poetic inquiry and aesthetic. Students will be required to write and submit one new poem each week and to perform in-depth, weekly critiques of their colleagues' work.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

English CHW

Haunted: Writing the Supernatural: Workshop (213309)

Laura van den Berg

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

The supernatural has long been fertile terrain for writers, canonical and contemporary alike. The supernatural is a means to explore the material that cannot be contained by corporal life: the unsayable secrets, the unexamined truths, the unreconciled historical traumas. Through the study of "haunted" fiction, generative exercises, and workshop critique, this course will explore the vital dimensions the supernatural can bring to the page and what your own "haunted" material might look like. The initial weeks will focus on craft study—readings will include works by Daphne du Maurier, Edith Wharton, Julio Cortázar, Helen Oyeyemi, Kelly Link, and Marina Enriquez, among others—and exercises designed to expand your imaginative horizons. Later in the term, your own fiction will serve as the primary text as the focus shifts to workshop critique.

Course Notes: **Admission based on submitted samples of writing. For information on**

specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

English CIHR

The I's Have It: Writing and Reading the Personal Essay: Workshop (205151)

Michael Pollan

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

In this advanced workshop, we will read widely in the tradition that begins with Montaigne and write essays of our own in a variety of lengths and forms. A principal goal of the course will be to develop a voice on the page and learn how to deploy the first person, not merely as a means of self-expression but as a tool for telling a true story, conducting an inquiry or pressing an argument.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

English CIJR

Introduction to Journalism: Workshop (156630)

Jill Abramson

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

An intense seminar for those interested in understanding the changing role of journalism and in learning the art of reporting and writing narrative stories. The course is intended for those contemplating careers as journalists or because they want a better sense of how journalism really works. Coursework will include two narrative articles that are ready for publication. Readings will include some of the best examples of modern journalism, from magazine features by authors including Gay Talese to multimedia narratives such as The New York Times' "Snow Fall."

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

English CKR

Introduction to Playwriting: Workshop (116875)

Sam Marks

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This workshop is an introduction to writing for the stage through intensive reading and in-depth written exercises. Each student will explore the fundamentals and possibilities of playwriting by generating short scripts and completing a one act play with an eye towards both experimental and traditional narrative styles. Readings will examine various ways of creating dramatic art and include work from contemporary playwrights such as Kenneth Lonergan, Martin McDonagh, Suzan Lori-Parks, and Sarah Ruhl as well established work from Anton Chekhov, Sarah Kane, and Harold Pinter.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

English CKR

Introduction to Playwriting: Workshop (116875)

Sam Marks

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This workshop is an introduction to writing for the stage through intensive reading and in-depth written exercises. Each student will explore the fundamentals and possibilities of playwriting by generating short scripts and completing a one act play with an eye towards both experimental and traditional narrative styles. Readings will examine various ways of creating dramatic art and include work from contemporary

playwrights such as Kenneth Lonergan, Martin McDonagh, Suzan Lori-Parks, and Sarah Ruhl as well established work from Anton Chekhov, Sarah Kane, and Harold Pinter.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

English CLR

Introduction to Screenwriting: Workshop (116874)

Musa Syeed

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This workshop will introduce students to the fundamentals of dramatic screenwriting, including narrative theory and structure, character design, dialogue/voice, genre, and tone. In the beginning of the semester, we will focus on craft exercises, reading produced scripts, and watching short films. We will then transition to workshopping student work in class, and each students will have the opportunity to submit two short screenplays, one of which they will revise for a final project.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

English CLR Section: 002

Introduction to Screenwriting: Workshop (116874)

Musa Syeed

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This workshop will introduce students to the fundamentals of dramatic screenwriting, including narrative

theory and structure, character design, dialogue/voice, genre, and tone. In the beginning of the semester, we will focus on craft exercises, reading produced scripts, and watching short films. We will then transition to workshopping student work in class, and each students will have the opportunity to submit two short screenplays, one of which they will revise for a final project.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

English CMAF

Introduction to Fiction Writing: Workshop (214529)

Molly Antopol Johnson

2020 Spring (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Introduction to Fiction Writing

This course will introduce you to the fundamental elements of fiction writing. We will read a variety of work, including pieces by Alice Munro, Edward P. Jones, Joy Williams, James Baldwin, Bohumil Hrabal, Grace Paley and Ben Okri, using each text as a template for examining such aspects in fiction as tension, dialogue, point of view, arc and character. Through class discussions and a series of writing exercises, we will also pay close attention to the ways in which conventions of craft are applied and understood—and sometimes re-interpreted or subverted. As the semester progresses, the focus of the class will shift to your own work, which we will critique and discuss as a group in a workshop setting, with an eye toward drawing connections between craft principles and your own writing practice. You will later significantly revise your piece.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

English CNM

Introduction to Fiction: Workshop (205276)

Indraneel Mukherjee

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

The course will consist of two halves. In the first hour of each class, we will be doing close readings of an assigned text (TBA), with the aim of isolating some aspect of the craft of writing in order to take bearings for your own. In the second half of the class, divided into two equal segments of an hour each, we will be workshopping the writing of two students. Our goal is for each of you to have two turns, and approximately 5-10,000 words of your work critiqued, by the time semester ends. The final project involves significant redrafting of a story or a portion of a novel.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

English CNSR

Narrative Science Journalism: Workshop (207633)

Michael Pollan

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

The arc of this workshop will trace the process of researching and writing a single long piece of science journalism: finding and pitching story ideas; reporting in depth and at length; outlining and structuring your story; choosing a narrative voice and strategy, crafting leads and "overtures," and making connections between your story and its larger contexts. As a group, we'll also work as editors on one another's ideas and pieces. And since reading good prose is the best way to learn to write it, we'll be closely reading an exemplary piece of narrative science journalism each week. Students will be expected to complete a draft and revision of a substantial piece by the end of the term.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

English CPJR

Politics & Journalism: Workshop (203362)

Jill Abramson

2020 Spring (4 Credits) **Schedule:** T 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

An advanced journalism seminar for those with some writing experience and an interest in political news coverage. Students will learn how to write about U.S. politics in all the major genres, including long form narratives, profiles, commentary and opinion. There will be extensive reading from political books, including chapters from the novel All The King's Men and non-fiction classics by T.H. White, Richard Ben Cramer, Garry Wills,and Hunter S. Thompson. Additional readings come from a wide array of reporters and columnists covering the 2020 election including Jane Mayer, Maureen Dowd, Mark Leibovch Peggy Noonan and other political pieces from magazines, newspaper, on-line sites and blogs.The class will focus on the structure of political writing, how to incorporate interviews in narrative writing, the quality and fairness of 2020 election coverage. There will be weekly writing assignments and one in-depth final, magazine-length piece.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

English CPWR

Poetry: Workshop (146247)

Jorie Graham

Joshua Bell

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Open by application to both undergraduates and graduates. Class includes the discussion of literary texts as well as work written by students.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

English CPY

Fiction Writing: Workshop (203264)

Paul Yoon

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

An introductory workshop where we will learn to read as writers and study all aspects of the craft of fiction writing, including such topics as character, point of view, structure, time, and plot. The first weeks will focus heavily on writing exercises and reading contemporary short fiction. Writers we will study will include: Daniyal Mueenuddin, Haruki Murakami, Jenny Erpenbeck, and Tom Drury. As the semester progresses, the focus of the workshop will shift to creating and discussing your own work at the table, along with submitting a final revision project.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

English CSS

Introduction to Screenwriting: Workshop (215734)

Shrihari Sathe

2020 Spring (4 Credits) **Schedule:** T 0600 PM - 0845 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This workshop will introduce students to the fundamentals of dramatic screenwriting, including narrative theory and structure, character design, dialogue, genre, and tone. We will focus on story development exercises, reading produced scripts, and watching short films at the beginning of the semester. We will then transition to workshopping student work in class. Each student will write two short screenplays, one of which they will revise for a final project.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's**

Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

English CTV

Writing for Television: Developing the Pilot: Workshop (203266)

Sam Marks

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This workshop introduces the television pilot with a focus on prestige drama and serialized comedy. Students will excavate their own voice and explore the structure and execution of pilot writing through a first draft of their own original script. With intensive reading and discussion of student work we will examine elements of TV writing, such as treatments and outlines as well as character, dialogue, tone, plot, and, most importantly, vision. Over the semester, we'll turn ideas into worlds and worlds into scripts.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

English CVB

Fiction Writing: Workshop (203265)

Laura van den Berg

2019 Fall (4 Credits) **Schedule:** R 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This course will serve as an introduction to the fundamentals of writing fiction. The initial weeks will focus on assigned readings—you can expect to encounter works by Edward P. Jones, Helen Oyeyemi, Joy Williams, Yoko Ogawa, and others—and short exercises. The readings will give us a lens through which to explore character, structure, time, point of view, etc, and will inform the workshop dialogues that follow. Later in the term, your own fiction will serve as the primary text as the focus shifts to the creation and revision of original work.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

English CWSR

The Art of Writing about Science and the Environment: Workshop (207988)

Russell Rymer

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This is a seminar in creative nonfiction writing that will take science and the environment as its subject matter. Students will research and write a series of magazine-style articles about science or scientists, intended for a general readership. Along the way, they will hone their interviewing and research skills and expressive capabilities, while contending with issues of factual accuracy, creative license, authority, and responsibility, along with the basic tenets of longform nonfiction. Ultimately students will explore the ways that hard science and subjective prose are interrelated forms. No prior experience with science is required.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

English CWWR

Writing Women: Workshop (207987)

Susan Faludi

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Women have historically exerted their voice and power through writing, even as the professional writing trades of journalism and publishing have historically been unwelcoming of their presence. This seminar class will examine reporting and writing by and about women, and engage students in the practice of

writing about gender, feminism, and women's lives. Students will produce and workshop their own researched and reported longform articles, while simultaneously inspecting how the media represents women's issues and learning the history of women writers in American journalism. We will grapple with questions of interviewing, structure, creative expression, ethics, and fair representation, along with the fundaments of narrative nonfiction.

Course Notes: **Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page. Workshops do not ordinarily meet during shopping period. Instructors will notify admitted students of first meeting date.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

English 40

Arrivals: British Literature, 700-1700 (145787)

Daniel Donoghue

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 27

An introduction to major works in English literature from Beowulf through the seventeenth century, the course will explore various ways that new literatures are created in response to cultural forces that shape poets, genres, and group identity. We will hone close reading skills, introduce rhetorical tropes, and develop techniques of critical writing.

Course Notes: **Be sure to attend first class meeting to be considered for admittance.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

English 41

Arrivals: 700-1700 (130869)

James Simpson

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 27

Across the period 700-1700 the shapes of British culture were absorbed from different centers of Western Europe. These cultural forms are conflicted among themselves, and conflicted across time. This course will

delineate the principal cultural forces (e.g. religious, political, social) that shaped England in particular. We will look to the ways in which those vibrant yet opposed forces find expression in the shape, or form, of literary works.

Course Notes: **Be sure to attend first class meeting to be considered for admittance.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

English 45

Arrivals: British Literature 700-1700 (207556)

Anna Wilson

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 27

In this course we will read some of the most significant and influential works of literature written in England before 1700. We will encounter the genres, tropes, forms, and language of medieval and early modern English literature, while exploring how these texts respond to and shape issues of their time, including war, political regimes, the emergence of national, racial, and religious identities, and changing attitudes to gender and sexuality. We will also develop a foundational range of critical writing skills and methods for approaching English literature.

Course Notes: **Be sure to attend first class meeting to be considered for admittance.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

English 52

Poets: Poetry and Everything (213573)

Christopher Spaide

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0100 PM

Instructor Permissions: Instructor **Enrollment Cap:** 27

An introduction to the major categories of lyric poetry—from Chaucer's time to ours, from this zip code and wherever else English has traveled—through poetry's ties to just about everything. How does life give rise to different kinds of poems, and how do those poems shape, memorialize, and alter life? What can poetry steal from neighboring discourses and media—song, prayer, visual art, news, drama, narrative, argument—and what does poetry stake out as its own? How much can history—the history of culture and politics, of technology and language—teach us about how poets revolutionize past forms and devise new forms?

Readings include the greatest hits of English-language poetry, a stellar collection from 2019 (Jericho Brown's The Tradition), and selections from recent books and literary magazines. Assignments include critical essays and shorter creative exercises—parodies, translations, imitations.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

English 55

Poets: Foundations of Lyric Poetry (130246)

Peter Sacks

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 27

An introduction to the fundamentals of Lyric poetry.

Course Notes: **Be sure to attend first class meeting to be considered for admittance.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

English 58

Poets: Keats Isn't Dead: How We Live Romanticism (214513)

Vidyan Ravinthiran

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0230 PM

Instructor Permissions: Instructor **Enrollment Cap:** 27

Our thoughts and feelings about identity, self-expression, and the power of the imagination draw on the British Romantic poetry of the Long Eighteenth Century--whether we've read any or not. Focusing on John Keats (his key poems, and his key ideas, about 'negative capability', the 'camelion poet', and so on), this course makes unconventional connections into the twentieth, and twenty-first century. Tracking issues of race, class, gender and sexuality, we'll bounce from Keats into war verse; African-American poetries; world/postcolonial writing; the literature of social class; feminist experimentalism; and constructions of masculinity. Concentrators will learn how to analyze poetry in both closed and open forms.

Class Notes: **Note: Be sure to attend first class meeting to be considered for admittance.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students

FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

English 60

Migrations: Fictions of America (145797)

Elisa New

2020 Spring (4 Credits) **Schedule:** M 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 27

This course will treat America as it was imagined and re-imagined between the 16th-21st centuries by successive waves of Europeans, Africans and their descendants. The course explores how evolving fictions of America's purpose, changing notions of America's geography and conflicting ideas of American character inform an emerging literary tradition. Readings list likely to include non-fiction by Harriot, Rowlandson, Mather, Franklin, Jacobs; shorter fiction by Irving, Hawthorne, Melville and Stein; novels by Cather, Norris and Morrison.

Course Notes: **Be sure to attend first class meeting to be considered for admittance.**

Class Notes: **Note: The first class will meet in Barker 269. This course will run from 10am-12pm.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

English 62

Migrations: Castaways and Renegades (145805)

John Stauffer

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 27

This course traces the extraordinary rise of American literature from the nation's founding through the early twentieth century. Focusing on the "outsider," we examine how American literature gave definition to a culture that was distinct from Europe. Along the way we explore a number of themes: the dilemma of democratic ideals co-existing with slavery and oppression; women as symbols of America; and the relationship between domestic and national fictions. Authors include Irving, Douglass, Melville, Stowe, Whitman, James, Twain, Chesnutt, Wharton, others.

Course Notes: **Be sure to attend first class meeting to be considered for admittance.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

English 63G Section: 01

Migrations: Gilded Ages (208099)

Patricia Chu

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0100 PM

Instructor Permissions: Instructor **Enrollment Cap:** 27

Originally from the title of an 1873 novel by Mark Twain and Charles Dudley Warner, the phrase "The Gilded Age" quickly passed into popular parlance as the name of the period following the Civil War in America: a time when immense fortunes and superficial appearances of growth and prosperity co-existed with growing poverty and unrest. As a number of economists have argued, income disparities in the United States are currently at their highest levels since the end of the 1920s, when the arrival of the Great Depression produced a consensus in favor of the more equitable distribution of wealth. In other words, we are now living in America's new Gilded Age. In this class we will explore this premise by first examining how representative novels of the classic Gilded Age (approximately 1870 through 1930) represented social structures—how authors tried to comprehend and depict "the way the world works" and the individual's life in it—and then comparing and contrasting these with novels of a new gilded age, including the way depictions of globalization and economic empire as central to American national identity develop over time and across national boundaries (England, India). We will study the novel as a genre and literary realism as a strategy of representation and how these emerge from social and political history. We will also read brief accounts of the economic culture of each historical moment. Authors may include: F. Scott Fitzgerald, Theodore Dreiser, Edith Wharton, Frank Norris, William Dean Howells, Aravind Adiga, Zadie Smith, Jeffrey Eugenides, Jonathan Franzen.

Course Notes: **Be sure to attend first class meeting to be considered for admittance.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

English 90AP

Race, Identity, and American Poetry Right Now (213571)

Christopher Spaide

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

What does contemporary American poetry look like if we consider work by poets of color to be absolutely central rather than specialized or marginal? What assumptions, questions, and tools do we bring to bear when we read African American poets, Latinx poets, Asian American poets, Pacific Islander poets, Native poets, and mixed-race poets? (For that matter: What do we bring to bear when we read a white or "unmarked" poet?) Questions like these will guide our careful reading of ten poetry books, all published in the last five years. We'll also study the many media where poetry is now published, reviewed, and adapted, from literary magazines and anthologies to Twitter and web series. Our writing culminates in a research essay, equal in scope and ambition to a publishable review-essay or scholarly article; we'll also read, reverse-engineer, write, and workshop the primary prose genre of contemporary-poetry criticism, the book review. Poets include Claudia Rankine, Danez Smith, Tommy Pico, Brenda Shaughnessy, Natalie Scenters-

Zapico, Craig Santos Perez, Layli Long Soldier, Fatimah Asghar, Joshua Jennifer Espinoza, Cameron Awkward-Rich, and Terrance Hayes.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

English 90AT

The Art of the Real (213540)

Stephanie DeGooyer

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This class will examine literature from the eighteenth century to contemporary era in order understand what makes a work of art or story 'real.' Is there really such a thing as truth, transparency, or evidence in fiction? Why do we want – or do we want – art to appear real? How does one go about representing reality? Why would we study fiction in order to understand real-world political, economic, and social problems? The first half of the class will primarily investigate formal and social realism in the eighteenth- and nineteenth-century novel, with some attention to art. In the second half of the course we will consider modern and contemporary varieties of realism such as cinéma vérité, direct cinema, affectless or hysterical realism, and autofiction.

Primary texts may include Jane Austen's Pride and Prejudice, Daniel Defoe's Robinson Crusoe, George Samuel Richardson's Pamela, and Zadie Smith's NW (as well as William Greaves' film symbiotaxiplasm). We will also read critical essays and shorter excerpts by Erich Auerbach, Roland Barthes, Teju Cole, Catherine Gallagher, Karl Ove Knausgård, Tao Lin, György Lukács, David Shields, Ian Watt, and Alex Woloch.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

English 90BN

Black New England (207586)

Thomas Dichter

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course examines the rich archive of African American writing in and about New England. The study of African American literature often focuses on the rural South and the urban North (especially such metropolises as New York and Chicago). Yet African Americans have been living and writing in New England since the colonial era. This course reorients conventional geographies of African American literature while also offering an alternative perspective on the New England literary tradition. Authors will include: Ann Plato, Phillis Wheatley,

David Walker, Harriet Wilson, W.E.B. Du Bois, Pauline Hopkins, Ann Petry, Malcolm X, and the Combahee River Collective.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

English 90CB

Chekhov/Beckett (213543)

Elizabeth Phillips

2019 Fall (4 Credits) **Schedule:** R 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This seminar will put into conversation the radically influential literatures of Anton Chekhov and Samuel Beckett. Despite the chronological and geographical distance between their writing careers, Chekhov and Beckett describe human experience in remarkably similar ways, and drew upon many of the same philosophical influences. Their writings are attuned to many of the same concerns: human misery and nonsensical passions, the passage and felt experience of time, the ways in which the theater can create new sensations in its audiences. In studying Chekhov, we will discuss his depiction of Russian life as a method of confronting Realism and pioneering a new naturalism, and we will focus particularly on his experimentation at the Moscow Art Theater and collaboration with director Constantin Stanislavski, as well as his influence on the Russian Avant Garde. For Beckett, we will study his plays and novels as a response to the influence of Marcel Proust and James Joyce; we will discuss the Second World War and his work in the French Resistance; we will define Aburdism, Existentialism, and Postmodernism. In this small seminar, we will also echo Chekhov and Beckett's same philosophical questions, and inquire into our own felt experiences of reading and watching: what does it mean to be bored? To experience illness? To establish a routine? To feel desperate? Through our readings in prose and drama, as well as several secondary essays, we will compose original, research-based arguments, culminating in a substantial paper or creative final project.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

English 90CL

Comic Imagination Through the Middle Ages (123564)

Daniel Donoghue

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Bad puns. Blasphemy. Codpieces. Corpse humor. Cougars. Cuckolds. Fart jokes. Dominant ladies. Funny drunks. Hypocrites. Incredible sex. Over-clever students. Priapic priests. Romance send-ups. Wimpy

knights. Wit triumphant. These are some of the ingredients of humor covered in our survey of literature from 1100 to 1650. The ranges include drama, fabliaux, Latin lyrics, Chaucer, Middle Scots poetry, and other genres up to Rabelais and Shakespeare. With the help of Auerbach, Huizinga, Bakhtin, and other critics, you will develop an understanding of what constitutes humor from this period, as well as the serious institutions that invite a comic reflex.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

English 90EW

The Empire Writes Back: Contemporary Fiction and the Booker Prize (213630)

Duncan White

2019 Fall (4 Credits) **Schedule:** M 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

In 1982 Salman Rushdie contributed an editorial to the *Times of London,* signaling a change in literary power relations. "English, no longer an English language, now grows from many roots," he wrote, "and those whom it once colonized are carving out large territories within the language for themselves. The Empire is striking back." With the empire shrinking fast and British culture being reinvented by postcolonial immigration, a more expansive understanding of "British" literature began to emerge, a change embodied in the founding the Booker Prize in 1969, which soon became the most prestigious literary award in the country. That writers from "Commonwealth" countries were eligible for the award resulted in the valorization of writing that confronted Britain's history as an empire and explored the legacy of imperialism in those countries that had gained their independence. In this course we will consider how novels that won the Booker questioned ideas of identity, nation, literariness, and prestige, reading a range of novels, including by Kiran Desai, Nadine Gordimer, Marlon James, V.S. Naipaul, Michael Ondaatje, Arundhati Roy, and Rushdie. In the final weeks of the class we will reflect on what it means that the Booker Prize has recently opened itself up to all literature in English, including by American writers, at the very moment when nationalism and Brexit has led to a resurgence of imperial nostalgia.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

English 90FD

The Rhetoric of Frederick Douglass and Abraham Lincoln (130670)

John Stauffer

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

A critical examination of Douglass' and Lincoln's speeches and other exemplary writings from Lincoln's 1838 Lyceum Address to Douglass's 1894 "Lessons of the Hour." We explore Douglass' and Lincoln's

respective rhetorical practices in relation to their politics.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

English 90GS

Global Shakespeare (214626)

Leah Whittington

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

William Shakespeare drew on texts from around the world when he wrote plays for the London theater he named "The Globe." Since they were first performed in early modern England, Shakespeare's plays have become global texts, adapted and re-fashioned for diverse international audiences. In this course, we will study key plays by Shakespeare in relation to their multi-cultural sources and their global adaptations. Students will explore how the plays dramatize distinctly early modern approaches to ethnicity, diversity, and cross-culturalism, locating Shakespeare's works in their own moment of cultural transition. At the same time, they will study how the plays have been re-interpreted and transformed by contemporary writers, playwrights, actors, and directors from Europe, the Middle East, Africa, Asia and Asia/Pacific, Latin America, Russia, Australia, New Zealand, and far-reaching corners of the world. How do these contemporary performances negotiate between old and new, local and global, canonicity and cultural plurality? What can the story of Shakespeare's worldwide reach tell us about how we conceive "global" literature today?

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

English 90HN

The Harvard Novel (212790)

Beth Blum

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course addresses the genre of the "Harvard novel," from Faulkner's Absalom, Absalom! to Elif Batuman's The Idiot and Zadie Smith's On Beauty, in order to examine Harvard's status and signification within the cultural imaginary. It brings together novels (and some films) where Harvard offers the narrative setting, supplies a character's backstory, or even serves as a character in its own right. We will address themes of tradition, access, privilege, race, anxiety, competition, and canonicity.

In addition to serving as an introduction to 20th-21st century Anglo-American literature, this seminar is designed to offer students an opportunity to slow down and engage more reflectively with the meaning and substance of their time on campus. Lectures will explore narrative depictions of how Harvard experiences extend into broader society, and also thelarger trajectory of the individual's post-collegiate life.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

English 90LV

Consciousness from Austen to Woolf (118850)

James Wood

2020 Spring (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

A look at the complex ways in which writers represent their characters' thought in texts by Austen, Flaubert, James, Tolstoy, Chekhov, Giovanni Verga, and Woolf. More broadly, traces the development of stream-of-consciousness, from Austen's incipient mastery of free indirect style, through Flaubert's more sophisticated use of it, to Woolf's full-blown inner monologues, seeing this development as not merely a fact of English and American literature, but as a phenomenon of world literature and an element of our modernity.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students

English 90MK

Medieval Women and the Problem of Knowledge (205128)

Nicholas Watson

2019 Fall (4 Credits) **Schedule:** W 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

From Eve to Mary and from Lady Philosophy to Chaucer's Wife of Bath, medieval women are associated with knowing, good and bad, philosophical and experiential. We seek our own knowledge of them through allegories and visions, autobiographies and visions, philosophical studies and gynecological treatises. Works by Robert Grosseteste, Catherine of Siena, Christine de Pizan, Julian of Norwich and Margery Kempe.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

English 90PP

Plotting the passions: Nineteenth-Century Literature and Modern Love (213730)

Victoria Wiet

2019 Fall (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Instructed by Professor Victoria Wiet

On the series finale of *Crazy Ex-Girlfriend*, the flawed but lovable protagonist comes to a realization when she sings, "life doesn't make narrative sense." *Crazy Ex-Girlfriend* is one among many contemporary television shows that meditate on how literature, theatre and film have created expectations about romantic and sexual life in ways that are both invigorating and restricting. This course explores how those expectations have been established, revised and reflected upon since the consolidation of the marriage plot in the early nineteenth century. How does intimacy develop? What are the aims of romantic and sexual life? How does sexual passion affect personal identity, and how do social norms affect sexual passion? We will consider how plot combines with other narrative elements such as description, characterization, and point-of-view in order to convey perspectives on the preceding questions. Through formal analysis, we will come to a deeper appreciation of how narrative works convey changing beliefs about love and sex and what beliefs have remained the same despite the seismic historical changes that have intervened between Jane Austen's *Emma* and Sharon Horgan's comedic series, *Catastrophe.*

The first two units study the development and consolidation of two important narrative conventions: the marriage plot and the sexual tragedy. During these units, we will consider how these conventions emerged out of a distinctive historical context, the consolidation of the inviolate reproductive nuclear family, while also asking how and why they have endured. In the next unit, we will meditate on how the narrative and social expectations laid out in the nineteenth-century took on altered yet recognizable forms in the new media characteristic of the twentieth century: cinema, the pulp novel, and the modern theatre. We will conclude by reading a contemporary novel that puts enduring narrative conventions in service of formal experimentation, Sally Rooney's *Normal People.* Other works studied include *Emma; Jane Eyre; Madame Bovary; Jude the Obscure; The Picture of Dorian Gray;* the films *It Happened One Night* and *Now Voyager*; the plays *A Streetcar Named Desire* and *A Taste of Honey*; and the lesbian pulp *The Price of Salt* and its 2015 film adaptation, *Carol.*

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

English 90QP

20th-Century American Poetry (123574)

Peter Sacks

2019 Fall (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course attends to the work of several American poets whose careers span much of the second half of the 20th century. Poets include Elizabeth Bishop, James Wright, Randall Jarrell, Adrienne Rich, A.R. Ammons, Frank O'Hara, John Ashbery, and others.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

English 90RG

Recognitions (207583)

James Simpson

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Representation and recognition: this course considers the European fortunes of art and recognition from Homer through to the Holocaust. What if recognition of what and whom we have *known already* is the most emotionally forceful, illuminating experience of art? What if we feel ourselves to be recognized by art? What if originality were not what strikes us most forcefully in art? This course will test the force of these propositions, by looking to both literature and visual art (especially painting). In addition, we will look to rhetoric, cognitive psychology and philosophy in order to understand the artistic experience of recognition. The course starts with Homer and ends with the great challenge to recognition: does the Holocaust fundamentally damage the possibility of recognition?

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

English 90SD

Staging Shakespeare (212789)

Derek Miller

2020 Spring (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Like any other plays, those by William Shakespeare pose serious challenges for actors, directors,

designers, and audiences, problems they must solve in performance. Because Shakespeare's plays have such a long history in the theater, they offer a unique window into ever-evolving performance aesthetics. In staging Shakespeare, artists always attempt to capture what they perceive as Shakespeare's universal achievements and to amplify his work's resonance for a contemporary audience. This seminar examines a history of Shakespeare in the English-speaking theater to illuminate how Shakespeare helps to shape theater and how the theater helps to make Shakespeare. We will read a number of Shakespeare's works, but will attend not to literary interpretations of the texts, but rather to (a) the problems those texts create in performance and (b) how artists have solved those challenges over the past four centuries. In other words, we will explore both prior approaches to staging Shakespeare and what in Shakespeare's plays makes them particularly difficult—and exciting—to stage.

Course Notes: **This course, when taken for letter grade, meets the Department of English Shakespeare requirement.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students

English 90TC

Selfies: Solo and Verbatim Performance (214440)

Elizabeth Phillips

2020 Spring (4 Credits) **Schedule:** R 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course will explore performances of the self--both storytelling and the first personal monologue, and documentary theater and third person verbatim performances. Each seminar will be divided between theoretical and critical discussion of plays and performances--with particular attention to themes of gender and sexual identity, race, community building, and US politics--and a studio practicum in which students will perform their own stories and the stories of others. For the final assignment, students will create either a one-act length verbatim/documentary performance or a one-act length solo show. Course materials will include plays and performances by artists including Heidi Schreck, Anna Deavere Smith, Alan Rickman and Katherine Viner, Erin Markey, Diana Oh, Lily Tomlin, Moises Kaufman, Doug Wright, Joe Salvatore/NYU Verbatim Performance Lab, and The Civilians.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

English 90YP

W.B. Yeats: Seminar (130807)

Peter Sacks

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

An undergraduate seminar examining the poetry of William Butler Yeats.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

English 91R

Supervised Reading and Research (110763)

Stephanie Burt

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual instruction in subjects of special interest that cannot be studied in regular courses.

Course Notes: **A graded course. May not be taken more than twice and only once for concentration.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

English 91R

Supervised Reading and Research (110763)

Stephanie Burt

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual instruction in subjects of special interest that cannot be studied in regular courses.

Course Notes: **A graded course. May not be taken more than twice and only once for concentration.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

English 98R

Tutorial - Junior Year (113443)

Matthew Ocheltree

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised small group junior tutorial in the study of literature in English.

Topic: **Adaptation: Form, Canon, Cultu**

Course Notes: **Limited to honors concentrators.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

English 98R

Tutorial - Junior Year (113443)

Matthew Ocheltree

Samuel Diener

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised small group junior tutorial in the study of literature in English.

Topic: **Precarious Lives**

Course Notes: **Limited to honors concentrators.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

English 98R Section: 002

Tutorial - Junior Year (113443)

Matthew Ocheltree

Eliza Holmes

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised small group junior tutorial in the study of literature in English.

Topic: **The Day After Tomorrow**

Course Notes: **Limited to honors concentrators.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

English 98R Section: 002

Tutorial - Junior Year (113443)

Matthew Ocheltree

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised small group junior tutorial in the study of literature in English.

Topic: **Henry James**

Course Notes: **Limited to honors concentrators.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

English 98R Section: 003

Tutorial - Junior Year (113443)

Matthew Ocheltree

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised small group junior tutorial in the study of literature in English.

Topic: **On Writing and Being Poor**

Course Notes: **Limited to honors concentrators.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

English 98R Section: 003

Tutorial - Junior Year (113443)

Matthew Ocheltree

Geoffrey Kirsch

2020 Spring (4 Credits) **Schedule:** R 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised small group junior tutorial in the study of literature in English.

Topic: **The Transcendentalists**

Course Notes: **Limited to honors concentrators.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

English 98R Section: 004

Tutorial - Junior Year (113443)

Matthew Ocheltree

Tess Mcnulty

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised small group junior tutorial in the study of literature in English.

Topic: **Fiction and Therapy**

Course Notes: **Limited to honors concentrators.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

English 98R Section: 004

Tutorial - Junior Year (113443)

Matthew Ocheltree

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised small group junior tutorial in the study of literature in English.

Topic: **The Inklings**

Course Notes: **Limited to honors concentrators.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

English 98R Section: 005

Tutorial - Junior Year (113443)

Matthew Ocheltree

Josephine Reece

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised small group junior tutorial in the study of literature in English.

Topic: **Women and Science in the Long**

Course Notes: **Limited to honors concentrators.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

English 98R Section: 005

Tutorial - Junior Year (113443)

Matthew Ocheltree

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised small group junior tutorial in the study of literature in English.

Topic: **The Queer Bildungsroman**

Course Notes: **Limited to honors concentrators.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

English 98R Section: 006

Tutorial - Junior Year (113443)

Matthew Ocheltree

Christopher Spaide

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised small group junior tutorial in the study of literature in English.

Topic: **The Long and the Short**

Course Notes: **Limited to honors concentrators.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

English 98R Section: 006

Tutorial - Junior Year (113443)

Matthew Ocheltree

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised small group junior tutorial in the study of literature in English.

Topic: **Strange Intimacies**

Course Notes: **Limited to honors concentrators.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

English 98R Section: 007

Tutorial - Junior Year (113443)

Matthew Ocheltree

Nick Utzig

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised small group junior tutorial in the study of literature in English.

Topic: **Shakespeare and Beyond**

Course Notes: **Limited to honors concentrators.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

English 99R

Tutorial - Senior Year (114256)

Stephanie Burt

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised individual tutorial in an independent scholarly or critical subject.

Course Notes: **Two terms required of all thesis honors seniors. To enroll, students must submit for approval a Thesis Proposal.**

Recommended Prep: **Satisfactory completion of one term of English 98r, completion of an undergraduate seminar (90-level) taken in the junior year or earlier, and faculty approval of proposed thesis topic.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

English 99R

Tutorial - Senior Year (114256)

Stephanie Burt

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised individual tutorial in an independent scholarly or critical subject.

Course Notes: **Two terms required of all thesis honors seniors. To enroll, students must submit for approval a Thesis Proposal.**

Recommended Prep: **Satisfactory completion of one term of English 98r, completion of an undergraduate seminar (90-level) taken in the junior year or earlier, and faculty approval of proposed thesis topic.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Arts and Humanities

English 102J

Introduction to Old English: Conceptions of the East in Old English Literature (207605)

Daniel Donoghue

2019 Fall (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

One of the most curious aspects of Old English literature, is its profusion of texts that engage with the idea of the Eastern world. This can, perhaps, be attributed to Theodore of Tarsus, a monk from Cilicia in the Byzantine Empire who assumed the archbishopric of Canterbury in 668. Theodore brought with him a profound knowledge of Greek- and Latin-based intellectual traditions to England with his arrival, and established a school in Canterbury from which he bestowed this breadth of learning on English pupils.

The result is that, alongside texts we normally associate with Anglo-Saxon England, such as *Beowulf*, there exist texts such as *Apollonius of Tyre*, a translation of a Greek story referred to by scholars as the earliest English novel, and *The Wonders of the East*, a work describing the magical creatures inhabiting regions such as Persia, Babylonia, and Egypt. We'll read excerpts from these texts and more, covering literary forms such as prose and poetry, all of which will be representative of early English engagement with the Eastern world.

First and foremost however, this course serves as an introduction to Old English, that produced in the vernacular language used by the Anglo-Saxons from the fifth century until around 1100. Although many of its linguistic features are recognizable in Modern English, Old English must be learned as a foreign language. The first half of the course will focus primarily on instruction in Old English grammar. We will begin translating short texts during the third week of the course. Before long, however, we will progress to translating prose texts and poems that demonstrate Anglo-Saxon engagement with the idea of "the East." Alongside translation, some time will be devoted to discussion organized around our translations and a few select readings that will allow us to interrogate early English conceptions of the Eastern world. Daily instruction by Joseph Shack

Course Notes: **This course, when completed with an honors grade and in combination with English 103g, fulfills the College language requirement and the English Department's Foreign Literature requirement.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students

English 103G

Old English: Working with Manuscripts (116977)

Daniel Donoghue

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

The task of translation will be supplemented by consistent attention to the manuscript contexts of Old English literature. The texts will include selections from the Anglo-Saxon Chronicle, Genesis, the Exeter Book Riddles, Beowulf, and others. The course will guide students through basic principles of manuscript study and will culminate in a collaborative edition of an Old English text.

Course Notes: **Students who complete both English 102 and 103 with honors grades will fulfill the College language requirement and the English Department's Foreign Literature requirement.**

Recommended Prep: **English 102g or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

English 121CG

Shakespeare After Hamlet (146556)

Gordon Teskey

2019 Fall (4 Credits) **Schedule:** MW 0430 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Written at the midpoint of Shakespeare's career (1600-01), *Hamlet* marks the culmination of an experiment in representing the inner life with remarkable human sympathy. *Hamlet* also marks the beginning, in the comedies as much as in the famous tragedies, *Othello*, *King Lear*, and *Macbeth*, of a new and disturbing interest in the human mysteries of sadism, power, eroticism and loss.

Course Notes: **This course, when taken for letter grade, meets the Department of English Shakespeares Common Ground requirement.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

English 125LP

English Lyric Poetry from the Renaissance to the Romantics (213326)

Gordon Teskey

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Lyric poems are short bursts of metrically organized language that capture, in art, moments of entangled feeling and thought. How has lyric poetry in English developed or changed from the Renaissance to the romantics? In this course, we will read poets ranging from Sir Thomas Wyatt and Sir Philip Sidney to Emilia Lanyer, Wordsworth, Shelley, Keats, and Elizabeth Barrett Browning.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

English 131P

Milton's Paradise Lost (203023)

Gordon Teskey

2020 Spring (4 Credits) **Schedule:** MW 0430 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course focuses on Milton's most famous work, *Paradise Lost*, the greatest long poem in English and the only successful classical epic in the modern world. Milton went totally blind in his forties and composed *Paradise Lost* by reciting verses to anyone available to take them down, like the blind prophets and poets of legend. Yet the questions he raised are surprisingly enduring and modern. We will consider how he generates the sublime and how he builds great scenes and characters, especially his most famous one, Satan.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

English 146ET

An Enlightenment for Today? (212754)

James Engell

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Relevance of Enlightenment texts for perennial issues faced today. Aphra Behn on race and slavery; John Locke on religious (in)tolerance; Jonathan Swift on corruptions of religion, learning, and bureaucracy; Alexander Pope on pernicious influence of money and political chicanery; Samuel Johnson on marriage, choice of career, problem of evil, and arrogance of colonial power; Edmund Burke on imperial overreach, human rights, and religious oppression; Mary Wollstonecraft on gender, sex, and unjust treatment of women. Some texts paired with contemporary writing.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration

English 155BN

The Nineteenth-Century British Novel (213731)

Victoria Wiet

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course explores how the relatively new cultural form of the novel represented and responded to the new features of social life that characterized nineteenth-century Britain. The nineteenth century was a period of drastic historical change in which the institutions that continue to define modern life became consolidated: companionate marriage, mass transit, urbanization, telecommunications, colonial expansion, secularization, innovations in medicine and psychology, and the establishment of mass culture. Even after they achieved eminence, these institutions continued to evolve at a rapid pace that perhaps only the novel could capture. The novel was in a privileged position to represent and reflect on how these new developments affected everyday life because of its extended length, flexible form, and intricate techniques for examining the relations among self, society, and the world.

This course begins with Jane Austen's *Persuasion* and Charlotte Brontë's *Jane Eyre* in order to establish how the novel form represents these relations, with particular focus on how novelists connect their provincial settings to the operations of empire. The next unit explores how the relation between self and society changes with the emergence of the modern city, where the upheavals of industrial capitalism have particularly insidious effects. Next, we consider how new understandings of the self developed in medicine and psychology affect one's relations to others. In the final part of the course, we turn to two works that reflect on whether the institutions of modern life are harmful or liberating, Thomas Hardy's *Jude the Obscure* and Oscar Wilde's *De Profundis.* In addition to the works mentioned, we also read Elizabeth Gaskell's *Mary Barton,* Charles Dickens's *Bleak House,* Anthony Trollope's *The Warden,* George Eliot's *The Lifted Veil,* and Robert Louis Stevenson's *Dr. Jekyll and Mr. Hyde.*

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

English 162BB

Broadway Bodies, or Representation on the Great White Way (212758)

Derek Miller

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

To many of its fans, Hamilton poses a problem. How can a show that presents so many talented artists of color represent a white-washed American history? And how should we evaluate the show's impact when sky-high ticket prices make it accessible primarily to a wealthy (read: white) audience? In its aspirational embrace of a multi-ethnic America and its failure fully to realize that promise, Hamiltonembodies the paradox of Broadway. This course examines that paradox since World War II, particularly as it pertains to multiple aspects of identity including race, gender, sexuality, and disability. We will examine how shows such as South Pacific, with its famous anti-racist anthem, or M. Butterfly, which explored the intersections of Orientalism, gender, and sex, temper their inclusive representations to appeal to wide commercial audience. Broadway is a particularly fertile ground for exploring these issues because theatrical performances always call attention to the performative nature of subjectivity: that is, who you are is a product of what you do. As we shall see, though, theatrical performatives risk being "infelicitous," in the words of philosopher J.L. Austin: instead of affirming the subjects they represent, the performances can turn those subjects into mere theater. Our starting assumption is that many Broadway stake-holders genuinely desire broader representation in and for their work, but that the structure of the industry constrains how these shows challenge the status quo. To understand those constraints we will ask what stories Broadway tells, who sees them, and how they are marketed—while always attuned to "who tells your story."

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

English 163AN

20th Century American Novel (214530)

Patricia Chu

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1130 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Obviously it's impossible to cover 100 years of literature in a semester but we will engage intensely with a group of major American novels published approximately 1900-2000. We will study their literary forms and styles: while also setting them in the context of American literary history and the sociopolitical developments with which they were engaged. Authors may include: Hemingway, Faulkner, Hurston, Himes, Larsen, Ellison, DeLillo, Morrison, Hagedorn, Cather.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students

English 165

Proust, Joyce, Woolf: Aestheticism and Modernism (212811)

Philip Fisher

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Topics include: modernism; aesthetic experience; the life of art; the city; and novelistic form; the moment and memory within temporal experiences. Joyce, *Dubliners* and *Ulysses*; Proust, *Swann's Way*; and *Within a Budding Grove*; Woolf, *Mrs. Dalloway* and *To the Lighthouse*; Kawabata, *Snow Country*. Writings of Pater, Simmel, T.S. Eliot, and sections from *The Pillow Book* of Sei Shonagon.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

English 170A

High and Low in Postwar America (130260)

Louis Menand

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Relations between avant-garde, mainstream, and commercial culture from 1945 to 1972.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students

English 172LD

The Literature of Displacement (212752)

Jesse McCarthy

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A displacement can take place in our lives in the sense of moving, or being moved, from one location to another. From the nautical sense we also understand any volume, which fills or occupies a liquid space that changes to accommodate it, a useful metaphor for intellectual

displacements—as we bend, shift and make room for new ideas in our minds. In psychology, a displacement is the transference of a site of trauma from one person, scenario, or object to another. Finally, there are histories of human displacement, a broad category under which to consider narratives generated by migration, emigration, exile, and enslavement. In this seminar we will read from texts that contribute in all of these ways, often interrelated, to a "literature of displacement." We will read novels, essays, and memoirs by Joseph Conrad, Zora Neale Hurston, Richard Wright, Chimamanda Ngozi Adichie, James Baldwin, Tayeb Salih, Valeria Luiselli, and W. G. Sebald and watch films by Les Blank, Charles Burnett, Rainer Werner Fassbinder, and Edward Yang among others. We will ask how these works respond to the trials and rewards of belonging to, or being alienated from, cultures and communities; how history and loss imprint us with identity but also disrupt it; what we learn from encountering other places and perspectives. Can remembering, witnessing, and storytelling create a place for ourselves in a world founded on an ongoing and massive experience of perpetual displacement?

Course Notes: **This course, when taken for a letter grade, meets the Department of English Migrations requirement.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students

English 176FR

On the Run: Fugitives and Refugees in American Literature (205001)

Thomas Dichter

2020 Spring (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Escaped slaves, refugees, outlaws, and rebels are all on the run in the pages of American literature. In a nation founded in the name of "life, liberty and the pursuit of happiness," stories of the fugitive making a break for freedom have been both troubling and enchanting. In this course, we will examine narratives of flight by American writers from the early days of the Republic through the present. These authors explore many different kinds of fugitivity: from the story of Henry "Box" Brown, a slave who hid in a crate and mailed himself to freedom in the North, to recent fiction by Edwidge Danticat and Viet Thanh Nguyen. Along the way, we'll consider narratives of outlaws, war refugees, undocumented immigrants, and insurrectionaries. Engaging with a diverse range of authors, our texts will include autobiography, novels, poetry, and folklore.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

English 180MW

Modern Women Writers (213541)

Elizabeth Phillips

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1130 AM

Instructor Permissions: None **Enrollment Cap:** n/a

What does is it mean to be, or feel as, a woman? This course will survey major female authors from the twentieth and twenty-first centuries who ask these questions in their novels, plays, and essays. In our lectures, we will move through literary explorations of womanhood in Modernism, to Expressionism, the Feminist movements, and on to contemporary questions of trauma, reproductive rights, love, activism, sexuality and gender identity, race, sexual exploitation and abuse, camaraderie, unity, and comedy. Authors include Virginia Woolf, Margaret Atwood, Toni Morrison, Audre Lorde, Djuna Barnes, Sally Rooney, Alice Birch, Elena Ferrante, and Chimamanda Ngozi Adichie. Final assignment will be a creative project of your own design based on course themes and materials.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll

English 181A

Introduction to Asian American Literature: What Is Asian American Literature? (146590)

Ju Yon Kim

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Aiiieeeee! An Anthology of Asian-American Writers (1974) was one of the earliest attempts to collect writings that were, to quote the editors, "exclusively Asian-American." Yet as their lengthy—and controversial—explanation of the selection process makes clear, Asian American literature defies neat categorization. This course is both a survey of Asian American literature and an introduction to ongoing debates about what constitutes Asian American literature. We will study a variety of literary genres and ask how formal and stylistic conventions, as well as shifting sociohistorical circumstances, have shaped conceptions of Asian American literature.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

English 182

Science Fiction (130245)

Stephanie Burt

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Utopias, dystopias, artificial intelligence, life on new planets, and much, much more-- from the late 19th century to the present, *mostly in novels and short stories but also in comics, poetry, games, film and TV.* Likely readings include Mark Twain, H. G. Wells, Charlotte Perkins Gilman, Robert A. Heinlein, James Tiptree, Jr. (Alice Sheldon), Octavia Butler, William Gibson, Nalo Hopkinson, Ted Chiang, *Nnedi Okorafor, Tillie Walden* and more.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

English 183ED

Poetry, Exile and Displacement (161291)

Peter Sacks

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course studies lyric poetry and its thematic as well as formal expressions of exile, the loss of home, the experience of estrangement or dispossession. Such displacements may be from the self, or from assigned "identity" ("why should I be my aunt,/or me, or anyone?"), as much as from other persons, conditions, regimes. Selected poems will certainly coincide with the urgent unease regarding questions of the body, of the passions, of gender, of background, of national or global citizenship. With some prior examples from the ancient world to the Renaissance and Romantic periods (from Sappho and Ovid, to the anonymous author of "Tom o' Bedlam," and from Wordsworth and Coleridge to Tennyson, Hemans and Dickinson), the course will focus primarily on Twentieth Century works by Marianne Moore, Elizabeth Bishop, James Wright, Anthony Hecht, James Merrill, Derek Walcott, Seamus Heaney, Yusef Komunyakaa, and several others.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

English 185E

The Essay: History and Practice (207555)

James Wood

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Matthew Arnold famously said that poetry is, at bottom, "a criticism of life." But if any literary form is truly a

criticism of life, it is the essay. And yet despite the fact that all students write essays, most students rarely study them; bookshops and libraries categorize such work only negatively, by what it is not: "non-fiction." At the same time, the essay is at present one of the most productive and fertile of literary forms. It is practiced as memoir, reportage, diary, criticism, and sometimes all four at once. Novels are becoming more essayistic, while essays are borrowing conventions and prestige from fiction. This class will disinter the essay from its comparative academic neglect, and examine the vibrant contemporary borderland between the reported and the invented. We will study the history of the essay, from Montaigne to the present day. Rather than study that history purely chronologically, each class will group several essays from different decades and centuries around common themes: death, detail, sentiment, race, gender, photography, the city, witness, and so on. In addition to writing about essays – writing critical essays about essays – students will also be encouraged to write their own creative essays: we will study the history of the form, and practice the form itself. Essayists likely to be studied: Plutarch, Montaigne, Hazlitt, De Quincey, Woolf, Benjamin, Orwell, Camus, Primo Levi, Barthes, Baldwin, Sontag, Dyer, Didion, Leslie Jamison, Knausgaard, Ta-Nehisi Coates.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

English 186L

Introduction to Law and Literature (213538)

Stephanie DeGooyer

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0230 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course introduces students to interpretative approaches to law and literature. Why might a lawyer or judge want to examine the law from the perspective of literature or use tools of literary analysis to understand a case? What role has literature played in the development of legal rules and principles? Organized around four major legal topics—nationality, personhood, property, and testimony—this course will explore the rhetorical basis of law, the historical roots of equity, similarities between literary and legal interpretation, debates about the use of literature to humanize legal decision-making, and the use of narrative as an alternative paradigm for justice. Additionally, we will address the major academic debates in the "law and literature movement," which has seen a recent burst of scholarly activity.

Primary texts may include Claudia Rankine's *Citizen,* M. NourbSe Philip's *Zong!,* Mary Shelley's *Frankenstein,* Sophocles' *Antigone,* Richard Powers' *The Overstory,* Herman Melville's *Benito Cereno,* and J.M. Coetzee's *Disgrace*

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

English 191C

Constellations (212761)

Homi Bhabha

2020 Spring (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

"Constellations" is an attempt at putting key literary works in conversation with significant texts from other disciplines and discourses --- philosophy, politics, history, law, and the social sciences. The conversations initiated between these texts might converge on conceptual or historical issues; on other occasions, they may conflict on matters of aesthetic form or cultural belief. What gives these 'coupled" conversations a thematic or curricular coherence is their sustained interest in the life-worlds of minorities as they struggle to gain the recognition and protection of human rights. One of the key questions running through the course will be what it means to make a claim to human dignity from a position of inequality and injustice.

I have chosen landmark texts that describe a wide arc of historical experience from colonization and segregation to migration and the predicament of refugees. These conditions of life and literature will be framed by questions of national sovereignty and international cosmopolitanism. Discourses of race, gender and identity will intersect with conceptual issues of cultural representation and literary form. The conversations initiated by this course will be polyphonic and plural.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

English 195EC

Growth, Technology, Inequality, and Education (212859)

James Engell

Benjamin Friedman

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An economist and a humanist, together with professors from the natural sciences, analyze familiar conceptual and policy-relevant issues from viewpoints of their respective disciplines. For example, how do we measure inequality, and at what point does it become problematic (and how do we know)? How then should it be addressed (e.g., tax code, minimum wage)? What are the best policies to confront job losses from technology? What does sustainable growth mean? The goal is not merely to examine four intertwined issues "growth, technology, inequality, and education" but also to understand the distinct concerns and methods of the humanities, social sciences, and natural sciences.

Course Notes: **Sections will separately accommodate concentrators in English/Humanities and Economics/Social/Natural Sciences/SEAS.**

Jointly offered as Econ 1000a/b

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

English 202S

Saints' Lives in Old and Middle English (212778)

Daniel Donoghue

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Our exploration of the lives of saints falls into three parts: the first focuses on translation of individual saints' lives, with attention to the language of Old English; the second will read broadly and deeply into the newly-published collection of The Old English Lives of Saints by Ælfric, in three volumes from the Dumbarton Oaks Medieval Library; the third will trace the transition from Old English to early Middle English using the lives of Juliana, Margaret, and Katherine, with some attention to Anglo-Norman Lives. Much of the secondary reading will be decided after we meet and take the measure of the varieties of student interest.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

English 229S

Edmund Spenser: Graduate Seminar (116886)

Gordon Teskey

2020 Spring (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

An introduction to Spenser's poetry, concentrating on The Faerie Queene. We will examine questions concerning the theory of allegory, the nature of romance, the place of thinking in poetry, and the tension in Spenser's work, present, because of him, in almost all subsequent English poetry, between personal expression, social structure, and cosmic order.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

English 231

Divine Comedies: Graduate Seminar (130910)

Nicholas Watson

2020 Spring (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

A study of four poetic and/or visionary works written 1300-1400: Dante Alighieri's Divine Comedy, John of Morigny's Book of Flowers, Julian of Norwich's Revelation of Love, and William Langland's Piers Plowman. We consider the inter-relationship between the poetic and the visionary in light of the categories of "orthodoxy" and "discretion of spirits" during a period when both were fiercely contested.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities

English 239

English Literature in the Continental Renaissance: Graduate Seminar (130911)

Leah Whittington

2019 Fall (4 Credits) **Schedule:** R 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

A study of English writers of the late sixteenth and early seventeenth centuries in relation to the international cultural movement of the European Renaissance, with an emphasis on changing attitudes towards the Renaissance project of reviving the classical past.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

English 256CR

Comparative Romanticism: Practice and Theory (212780)

James Engell

2019 Fall (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Selected texts in three national traditions: Coleridge, Wordsworth, Hazlitt, and Keats in English; Kant, Schiller, and Goethe in German; Emerson, Thoreau, and Whitman in American Literature. Additional writers may include Robert Lowth, the Schlegels, Novalis, Schleiermacher, and Margaret Fuller. Attention to exchange among these literatures. Additional current scholarship and criticism.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

English 280QL

Queer Literature (212795)

Stephanie Burt

2020 Spring (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Queer and trans literary writing now, its parallels and its precursors, from late medieval to the present day, along with useful ideas about it. Some history, some theory, but mostly queer and trans and queer-adjacent literature. Marlowe, Rochester, K. Phillips, Wilde, Rich, Baldwin; some primary texts determined by *your interests,* including less-often-studied genres and media such as graphic novels and YA.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

English 282A

Ethnic Studies: Past, Present Future (213575)

Ju Yon Kim

2019 Fall (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An interdisciplinary graduate research seminar exploring cutting-edge approaches in ethnic studies. From its institutional beginnings in the late-1960s, the field of ethnic studies built frameworks to critically examine questions of inequality and power through intersecting analytical paradigms of race, indigeneity, gender, sexuality, class, and citizenship. With visiting scholars at Harvard's Warren Center, students will explore how such frameworks remain useful and relevant, interrogate limitations and contradictions within the field, all the while exploring new possibilities and directions within ethnic studies.

Co-taught with Professor Lorgia García Peña

Course Notes: **Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.**

Class Notes: **This course will meet Tuesdays, bi-weekly, thoughout the year from 9: 45 to 11:45am**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities

English 282B

Ethnic Studies: Past, Present, Future (213576)

Ju Yon Kim

2020 Spring (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An interdisciplinary graduate research seminar exploring cutting-edge approaches in ethnic studies. From its institutional beginnings in the late-1960s, the field of ethnic studies built frameworks to critically examine questions of inequality and power through intersecting analytical paradigms of race, indigeneity, gender, sexuality, class, and citizenship. With visiting scholars at Harvard's Warren Center, students will explore how such frameworks remain useful and relevant, interrogate limitations and contradictions within the field, all the while exploring new possibilities and directions within ethnic studies.

Co-taught with Professor Lorgia García Peña

Course Notes: **Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.**

Class Notes: **This course will meet Tuesdays, bi-weekly, thoughout the year from 9: 45 to 11:45am**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

English 282PH

Public Humanities Practicum: Humanities in the High School Classroom (214358)

Elisa New

2019 Fall (4 Credits) **Schedule:** M 0415 PM - 0700 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This fall, over 500 high juniors and seniors and teachers from Title One high schools across the country (from New York City, LA, San Diego, Flint, Pontiac, Hartford and rural Louisiana and New Mexico) have enrolled in the Poetry in America and Harvard Extension School's national pilot of the online Poetry in America: The City from Whitman to Hip Hop.

The Public Humanities Practicum, co taught by course Poetry in America director Elisa New and National Education Equity Lab director, Leslie Cornfeld, will provide students in FAS, GSE, and HKS the opportunity to embed within, study and evaluate how college level humanities instruction may promote college readiness, intellectual and emotional growth and civic cohesion-- and to weigh the implications of this model for broad educational public policy. Students in the course will be allowed to focus individual final projects in 1) public policy 2) humanities instruction or 3) media and educational design.

Course Notes: **Jointly offered with Harvard Kennedy School (as SUP-472 Education Equity Through A Solutions-Targeted Lens) and Harvard Graduate School of Education.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

English 285SA

South Asian Poetry (214514)

Vidyan Ravinthiran

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

When we look at literature by writers on the margin (whether this refers to race, nationality, gender, sexuality, and so on) is there a danger of only seeing their art in terms of its politics, and, rather than recognizing their creativeness, always putting their work through the same victim-template?

Focusing on post-1947 Indian poetry, this course will also glance at Sri Lankan poetry from this period. These poets make a decisive break with the wannabe-colonial, archaically emulous stuff which came before them—and they do this with the aid of European modernism, and US poetry's turn to open forms and a streetwise vernacular. We'll read Nissim Ezekiel, Sujata Bhatt, A.K. Ramanujan, Kamala Das, Arun Kolatkar, Dom Moraes, Eunice de Souza, Adil Jussawalla, Arvind Krishna Mehrotra, and Agha Shahid Ali—poets whose politics is inextricable from the aesthetic richness of their work.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

English 289M

Who Cares about Modernism?: Literary Studies and the Problem of Periodization (212774)

Beth Blum

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This graduate seminar uses modernism as a test case for debates regarding the merits and limits of literary periodization. Though our focus is modernism, we will be engaging with examples of similar debates from other periods, such as challenges to the medieval/ Renaissance divide, calls for "presentist Shakespeare," the manifesto of the Victorian v21 collective, and discussions regarding the utility of labelling contemporary literature as "post-45." We will examine the contingencies and controversies of modernism's fraught self-formation, reading detractors including Wyndham Lewis, Laura Riding, and Edith Wharton, as well as figureheads such as Woolf, Lawrence, and Joyce.

Primary texts are designed to partly overlap with the generals list and may include: Joyce's Portrait of the

Artist as a Young Man, Woolf's To the Lighthouse, Wharton's The House of Mirth, and more. Secondary readings to include: Eric Hayot, Rita Felski, Paul Saint-Amour, Fredric Jameson, Kenneth Burke, Susan Stanford Friedman, René Wellek, Gerald Graff, Ted Underwood, David James and Urmila Seshagiri, Wai Chee Dimock.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

English 290MH

Migration and the Humanities (205269)

Homi Bhabha

2020 Spring (4 Credits) **Schedule:** W 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

By focusing on literary narratives, cultural representations, and critical theories, this course explores ways in which issues related to migration create rich and complex interdisciplinary conversations. How do humanistic disciplines address these issues—human rights, cultural translation, global justice, security, citizenship, social discrimination, biopolitics—and what contributions do they make to the "home" disciplines of migration studies such as law, political science, and sociology? How do migration narratives compel us to revise our concepts of culture, polity, neighborliness, and community? We will explore diverse aspects of migration from existential, ethical, and philosophical perspectives while engaging with specific regional and political histories.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

English 292PH

Public Humanities Workshop (212794)

Martin Puchner

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Public humanities are becoming increasingly central for careers both inside and outside of academia. This workshop, which is open to beginning and advanced graduate students, introduces participants to the tools they need to address audiences other than specialists in their own field. These tools range from writing op-eds based on dissertation research to writing general interest books, and also include book reviews, podcasts, social media strategies and more. While we will discuss some historical context, the emphasis is on practice and skills. Our work will be supplemented by visits from editors and literary agents. Because the course is a workshop, enrollment is limited to 12.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

English 296CT

Topics in Criticism and Theory (212796)

Jesse McCarthy

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course surveys major works in literary theory and criticism from the high watermark of 'French Theory' as it crossed the Atlantic in the 1970s up to the present. Our goal will be twofold: firstly, to grapple with these arguments and methodologies on their own terms and gauge their impact on literary study, with students encouraged to draw on examples from their respective fields. Secondly, to historicize our own reception of 'theory,' assessing its present place in scholarship and its possible futures at a time when various contemporary modes of inquiry like, "surface reading," "new formalism," and "weak theory," are all pushing back on this intellectual legacy, forcing us to rethink the limits and aims of critique.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

English 298DH

Methods in the Digital Humanities (203055)

Derek Miller

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course introduces practical skills in programming for the Digital Humanities (DH) while also investigating the theories and debates that continue to define that field. We will focus primarily on DH's applications to research questions in the humanities rather than on any pedagogical or archival uses. The course is designed with a firm belief not in DH's righteousness—indeed, we will devote considerable time to critiques of the field—but rather in the necessity of grappling with its ideas and practices in an informed manner. To that end, our exploration of DH methods will involve considerable work in computer programming (though you need have no prior knowledge of those skills). Our practical work with coding and with pre-fabricated digital tools will give us the tools to understand what happens to our thinking when we think about the humanities with computers.

Course Notes: **Conference Seminar Course (open to both undergraduates and graduates)**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities

English 300HF

Medieval Colloquium (111425)

James Simpson

Daniel Donoghue

Nicholas Watson

Anna Wilson

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The colloquium focuses upon dissertations in progress and other research topics of mutual concern. Membership limited to faculty members teaching or conducting research in medieval English language and literature and to graduate students working in this field.

Course Notes: **Enrollment is open to all graduate students but is required of those who have been admitted to candidacy for the PhD and who intend to work on a medieval subject.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

English 300HFB

Medieval Colloquium (160632)

James Simpson

Daniel Donoghue

Nicholas Watson

Anna Wilson

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The colloquium focuses upon dissertations in progress and other research topics of mutual concern. Membership limited to faculty members teaching or conducting research in medieval English language and literature and to graduate students working in this field.

Course Notes: **Enrollment is open to all graduate students but is required of those who have been admitted to candidacy for the PhD and who intend to work on a medieval subject.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
Full Year Course	Divisible Course

English 302HF

Renaissance Colloquium (111971)

Marjorie Garber

Stephen Greenblatt

Leah Whittington

Gordon Teskey

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The colloquium focuses upon dissertations in progress and other research topics of mutual interest.

Course Notes: **Limited to faculty members teaching or conducting research in Renaissance literary studies and to graduate students working in the field. Enrollment is open to all such students, and is required of those who have been admitted to candidacy for the PhD and who intend to work on Renaissance topics.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

English 302HFB

Renaissance Colloquium (160633)

Marjorie Garber

Stephen Greenblatt

Leah Whittington

Gordon Teskey

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The Conference focuses upon dissertations in progress and other research topics of mutual interest.

Course Notes: **Limited to faculty members teaching or conducting research in Renaissance literary studies and to graduate students working in the field. Enrollment is open to all such students, and is required of those who have been admitted to candidacy for the PhD and who intend to work on Renaissance topics.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

English 304HF

Long Eighteenth Century and Romanticism Colloquium (117785)

James Engell

Deidre Lynch

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Focuses on dissertations, dissertations in progress, and research topics of mutual interest.

Course Notes: **Required of graduate students working, or intending to work, on the Restoration, 18th century, or Romanticism (the periods 1660-1830), and who have been admitted to candidacy for the PhD. Open to other students working on topics in Restoration and 18th-century literature.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

English 304HFB

Long Eighteenth Century and Romanticism Colloquium (160634)

James Engell

Deidre Lynch

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Focuses on dissertations, dissertations in progress, and research topics of mutual interest.

Course Notes: **Required of graduate students working, or intending to work, on the Restoration, 18th century, or Romanticism (the periods 1660-1830), and who have been admitted to candidacy for the PhD. Open to other students working on topics in Restoration and 18th-century literature.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

English 306HF

Long Nineteenth Century and Modernism Colloquium (148064)

Beth Blum

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The British and Anglophone Literature Colloquium discusses writing from and about Britain and its former territories from the 19th century to the present. The colloquium provides a forum for graduate students and academics at every career stage to present and discuss new research in British, post-colonial, or transnational literature. Rooted in literary study, we welcome scholars of Victorian, Modernist, and Postmodern culture from across the disciplines.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

English 306HFB Section: 01

Long Nineteenth Century and Modernism Colloquium (160635)

Beth Blum

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The British and Anglophone Literature Colloquium discusses writing from and about Britain and its former territories from the 19th century to the present. The colloquium provides a forum for graduate students and academics at every career stage to present and discuss new research in British, post-colonial, or transnational literature. Rooted in literary study, we welcome scholars of Victorian, Modernist, and Postmodern culture from across the disciplines.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

English 308HF

Theatre and Performance Colloquium (160636)

Ju Yon Kim

Derek Miller

Martin Puchner

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Focuses on research topics related to dramatic literature, theatre, and performance. Open to all faculty members and graduate students teaching or conducting research in the field.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

English 308HFB

Theatre and Performance Colloquium (119988)

Ju Yon Kim

Derek Miller

Martin Puchner

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Focuses on research topics related to dramatic literature, theatre, and performance. Open to all faculty members and graduate students teaching or conducting research in the field.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
Full Year Course	Divisible Course

English 310HFR

Twentieth Century and Contemporary Literature Colloquium (117944)

Kelly Rich

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Colloquium open to all graduate students working in the area of American literature and culture. Papers

delivered by students writing seminar papers or dissertations, faculty members, and visiting scholars.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

English 310HFRB

Twentieth Century and Contemporary Literature Colloquium (160637)

David Alworth

Kelly Rich

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 20

Colloquium open to all graduate students working in the area of American literature and culture. Papers delivered by students writing seminar papers or dissertations, faculty members, and visiting scholars.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

English 312HF

Race and Ethnicity Colloquium (112792)

Glenda Carpio

Jesse McCarthy

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The colloquium focuses upon dissertations in progress and other research topics of mutual interest.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

English 312HFB

Race and Ethnicity Colloquium (208055)

Glenda Carpio

Jesse McCarthy

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

The colloquium focuses upon dissertations in progress and other research topics of mutual interest.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

English 350

Teaching Colloquium (212819)

Matthew Ocheltree

2019 Fall (4 Credits) **Schedule:** W 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The craft of teaching (discussion, lectures, tutorials, course descriptions, syllabi). This colloquium, designed for third-year graduate students, also considers issues related to the field exam, prospectus, and other aspects of advanced graduate study in English.

Course Notes: **Required of all third-year graduate students.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

English 370

Placement Seminar (207884)

Ju Yon Kim

Anna Wilson

2019 Fall (2 Credits) **Schedule:** R 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

The job placement seminar will meet during the Fall semester to help students prepare dossiers and oral presentations of their work for the academic job market. The class will meet roughly every two weeks, providing a supportive structure for participants to produce, workshop, and revise application materials. We will also arrange mock interviews and practice teaching demonstrations. The placement officers provide one-on-one support with editing/proofing materials and guidance in navigating the applications process. This seminar is restricted to students in the English department. We welcome students who are intending to actively apply for postdocs or jobs this year to enroll; some seminar sessions suitable for

those interested in thinking about the market or their career options but not actively applying this year will be advertised more widely and open to all graduate students in the department.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

English 397

Directed Study (118927)

Jesse McCarthy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

English 397 Section: 002

Directed Study (118927)

Homi Bhabha

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

English 397 Section: 003

Directed Study (118927)

Stephanie Burt

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

English 397 Section: 003

Directed Study (118927)

Stephanie Burt

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

English 397 Section: 004

Directed Study (118927)

Glenda Carpio

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

English 397 Section: 005

Directed Study (118927)

Amanda Claybaugh

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

English 397 Section: 005

Directed Study (118927)

Amanda Claybaugh

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

English 397 Section: 006

Directed Study (118927)

Daniel Donoghue

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

English 397 Section: 006

Directed Study (118927)

Daniel Donoghue

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

English 397 Section: 007

Directed Study (118927)

James Engell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

English 397 Section: 007

Directed Study (118927)

James Engell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

English 397 Section: 008

Directed Study (118927)

Philip Fisher

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

English 397 Section: 009

Directed Study (118927)

Marjorie Garber

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

English 397 Section: 010

Directed Study (118927)

Henry Gates

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

English 397 Section: 011

Directed Study (118927)

Jorie Graham

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

English 397 Section: 011

Directed Study (118927)

Jorie Graham

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

English 397 Section: 012

Directed Study (118927)

Stephen Greenblatt

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

English 397 Section: 012

Directed Study (118927)

Stephen Greenblatt

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

English 397 Section: 013

Directed Study (118927)

Ju Yon Kim

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

English 397 Section: 013

Directed Study (118927)

Ju Yon Kim

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

English 397 Section: 014

Directed Study (118927)

Deidre Lynch

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

English 397 Section: 015

Directed Study (118927)

Louis Menand

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

English 397 Section: 016

Directed Study (118927)

Derek Miller

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

English 397 Section: 016

Directed Study (118927)

Derek Miller

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

English 397 Section: 017

Directed Study (118927)

Elisa New

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

English 397 Section: 017

Directed Study (118927)

Elisa New

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

English 397 Section: 019

Directed Study (118927)

Leah Price

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

English 397 Section: 020

Directed Study (118927)

Martin Puchner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

English 397 Section: 020

Directed Study (118927)

Martin Puchner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

English 397 Section: 021

Directed Study (118927)

Peter Sacks

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

English 397 Section: 021

Directed Study (118927)

Peter Sacks

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

English 397 Section: 022

Directed Study (118927)

Elaine Scarry

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

English 397 Section: 023

Directed Study (118927)

Marc Shell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

English 397 Section: 024

Directed Study (118927)

James Simpson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

English 397 Section: 024

Directed Study (118927)

James Simpson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

English 397 Section: 025

Directed Study (118927)

John Stauffer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

English 397 Section: 025

Directed Study (118927)

John Stauffer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

English 397 Section: 026

Directed Study (118927)

Gordon Teskey

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

English 397 Section: 026

Directed Study (118927)

Gordon Teskey

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

English 397 Section: 027

Directed Study (118927)

Helen Vendler

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

English 397 Section: 028

Directed Study (118927)

Andrew Warren

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

English 397 Section: 029

Directed Study (118927)

Nicholas Watson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

English 397 Section: 029

Directed Study (118927)

Nicholas Watson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

English 397 Section: 030

Directed Study (118927)

Leah Whittington

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

English 397 Section: 030

Directed Study (118927)

Leah Whittington

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

English 397 Section: 031

Directed Study (118927)

James Wood

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

English 397 Section: 031

Directed Study (118927)

James Wood

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

English 397 Section: 032

Directed Study (118927)

David Alworth

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

English 398

Direction of Doctoral Dissertations (117540)

David Alworth

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

English 398 Section: 002

Direction of Doctoral Dissertations (117540)

Homi Bhabha

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

English 398 Section: 002

Direction of Doctoral Dissertations (117540)

Homi Bhabha

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

English 398 Section: 003

Direction of Doctoral Dissertations (117540)

Stephanie Burt

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

English 398 Section: 003

Direction of Doctoral Dissertations (117540)

Stephanie Burt

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

English 398 Section: 004

Direction of Doctoral Dissertations (117540)

Glenda Carpio

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

English 398 Section: 004

Direction of Doctoral Dissertations (117540)

Glenda Carpio

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the**

reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

English 398 Section: 005

Direction of Doctoral Dissertations (117540)

Amanda Claybaugh

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

English 398 Section: 005

Direction of Doctoral Dissertations (117540)

Amanda Claybaugh

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

English 398 Section: 006

Direction of Doctoral Dissertations (117540)

Daniel Donoghue

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

English 398 Section: 006

Direction of Doctoral Dissertations (117540)

Daniel Donoghue

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

English 398 Section: 007

Direction of Doctoral Dissertations (117540)

James Engell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

English 398 Section: 007

Direction of Doctoral Dissertations (117540)

James Engell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

English 398 Section: 008

Direction of Doctoral Dissertations (117540)

Philip Fisher

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a**

proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

English 398 Section: 008

Direction of Doctoral Dissertations (117540)

Philip Fisher

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

English 398 Section: 009

Direction of Doctoral Dissertations (117540)

Marjorie Garber

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

English 398 Section: 009

Direction of Doctoral Dissertations (117540)

Marjorie Garber

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

English 398 Section: 010

Direction of Doctoral Dissertations (117540)

Henry Gates

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

English 398 Section: 010

Direction of Doctoral Dissertations (117540)

Henry Gates

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

English 398 Section: 011

Direction of Doctoral Dissertations (117540)

Jorie Graham

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

English 398 Section: 011

Direction of Doctoral Dissertations (117540)

Jorie Graham

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

English 398 Section: 012

Direction of Doctoral Dissertations (117540)

Stephen Greenblatt

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

English 398 Section: 012

Direction of Doctoral Dissertations (117540)

Stephen Greenblatt

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the**

reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

English 398 Section: 013

Direction of Doctoral Dissertations (117540)

Ju Yon Kim

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

English 398 Section: 013

Direction of Doctoral Dissertations (117540)

Ju Yon Kim

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

English 398 Section: 014

Direction of Doctoral Dissertations (117540)

Deidre Lynch

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

English 398 Section: 014

Direction of Doctoral Dissertations (117540)

Deidre Lynch

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

English 398 Section: 015

Direction of Doctoral Dissertations (117540)

Louis Menand

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

English 398 Section: 015

Direction of Doctoral Dissertations (117540)

Louis Menand

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

English 398 Section: 016

Direction of Doctoral Dissertations (117540)

Derek Miller

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a**

proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

English 398 Section: 016

Direction of Doctoral Dissertations (117540)

Derek Miller

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

English 398 Section: 017

Direction of Doctoral Dissertations (117540)

Elisa New

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

English 398 Section: 017

Direction of Doctoral Dissertations (117540)

Elisa New

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

English 398 Section: 018

Direction of Doctoral Dissertations (117540)

Stephen Osadetz

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

English 398 Section: 019

Direction of Doctoral Dissertations (117540)

Leah Price

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

English 398 Section: 020

Direction of Doctoral Dissertations (117540)

Martin Puchner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

English 398 Section: 020

Direction of Doctoral Dissertations (117540)

Martin Puchner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

English 398 Section: 021

Direction of Doctoral Dissertations (117540)

Peter Sacks

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

English 398 Section: 021

Direction of Doctoral Dissertations (117540)

Peter Sacks

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the**

reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

English 398 Section: 022

Direction of Doctoral Dissertations (117540)

Elaine Scarry

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

English 398 Section: 022

Direction of Doctoral Dissertations (117540)

Elaine Scarry

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

English 398 Section: 023

Direction of Doctoral Dissertations (117540)

Marc Shell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

English 398 Section: 023

Direction of Doctoral Dissertations (117540)

Marc Shell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

English 398 Section: 024

Direction of Doctoral Dissertations (117540)

James Simpson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

English 398 Section: 024

Direction of Doctoral Dissertations (117540)

James Simpson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

English 398 Section: 025

Direction of Doctoral Dissertations (117540)

John Stauffer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a**

proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

English 398 Section: 025

Direction of Doctoral Dissertations (117540)

John Stauffer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

English 398 Section: 026

Direction of Doctoral Dissertations (117540)

Gordon Teskey

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

English 398 Section: 026

Direction of Doctoral Dissertations (117540)

Gordon Teskey

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

English 398 Section: 027

Direction of Doctoral Dissertations (117540)

Helen Vendler

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

English 398 Section: 028

Direction of Doctoral Dissertations (117540)

Andrew Warren

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

English 398 Section: 029

Direction of Doctoral Dissertations (117540)

Nicholas Watson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

English 398 Section: 029

Direction of Doctoral Dissertations (117540)

Nicholas Watson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

English 398 Section: 030

Direction of Doctoral Dissertations (117540)

Leah Whittington

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

English 398 Section: 030

Direction of Doctoral Dissertations (117540)

Leah Whittington

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the**

reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

English 398 Section: 031

Direction of Doctoral Dissertations (117540)

James Wood

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

English 398 Section: 031

Direction of Doctoral Dissertations (117540)

James Wood

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

English 398 Section: 032

Direction of Doctoral Dissertations (117540)

David Alworth

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

English 398 Section: 033

Direction of Doctoral Dissertations (117540)

Beth Blum

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

English 399

Reading and Research (111027)

Hillary Chute

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

English 399

Reading and Research (111027)

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

English 399 Section: 002

Reading and Research (111027)

Homi Bhabha

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited**

to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

English 399 Section: 002

Reading and Research (111027)

Homi Bhabha

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

English 399 Section: 003

Reading and Research (111027)

Stephanie Burt

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

English 399 Section: 003

Reading and Research (111027)

Stephanie Burt

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

English 399 Section: 004

Reading and Research (111027)

Glenda Carpio

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

English 399 Section: 004

Reading and Research (111027)

Glenda Carpio

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

English 399 Section: 005

Reading and Research (111027)

Amanda Claybaugh

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

English 399 Section: 005

Reading and Research (111027)

Amanda Claybaugh

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

English 399 Section: 006

Reading and Research (111027)

Daniel Donoghue

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

English 399 Section: 006

Reading and Research (111027)

Daniel Donoghue

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed**

by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

English 399 Section: 007

Reading and Research (111027)

James Engell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

English 399 Section: 007

Reading and Research (111027)

James Engell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

English 399 Section: 008

Reading and Research (111027)

Philip Fisher

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

English 399 Section: 008

Reading and Research (111027)

Philip Fisher

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

English 399 Section: 009

Reading and Research (111027)

Marjorie Garber

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

English 399 Section: 009

Reading and Research (111027)

Marjorie Garber

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

English 399 Section: 010

Reading and Research (111027)

Henry Gates

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited**

to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

English 399 Section: 010

Reading and Research (111027)

Henry Gates

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

English 399 Section: 011

Reading and Research (111027)

Jorie Graham

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

English 399 Section: 011

Reading and Research (111027)

Jorie Graham

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

English 399 Section: 012

Reading and Research (111027)

Stephen Greenblatt

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

English 399 Section: 012

Reading and Research (111027)

Stephen Greenblatt

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

English 399 Section: 013

Reading and Research (111027)

Ju Yon Kim

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

English 399 Section: 013

Reading and Research (111027)

Ju Yon Kim

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

English 399 Section: 014

Reading and Research (111027)

Deidre Lynch

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

English 399 Section: 014

Reading and Research (111027)

Deidre Lynch

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed**

by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

English 399 Section: 015

Reading and Research (111027)

Louis Menand

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

English 399 Section: 015

Reading and Research (111027)

Louis Menand

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

English 399 Section: 016

Reading and Research (111027)

Derek Miller

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

English 399 Section: 016

Reading and Research (111027)

Derek Miller

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

English 399 Section: 017

Reading and Research (111027)

Elisa New

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

English 399 Section: 017

Reading and Research (111027)

Elisa New

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

English 399 Section: 018

Reading and Research (111027)

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular**

courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

English 399 Section: 018

Reading and Research (111027)

Stephen Osadetz

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

English 399 Section: 019

Reading and Research (111027)

Leah Price

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

English 399 Section: 019

Reading and Research (111027)

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

English 399 Section: 020

Reading and Research (111027)

Martin Puchner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

English 399 Section: 020

Reading and Research (111027)

Martin Puchner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

English 399 Section: 021

Reading and Research (111027)

Peter Sacks

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

English 399 Section: 021

Reading and Research (111027)

Peter Sacks

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

English 399 Section: 022

Reading and Research (111027)

Elaine Scarry

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

English 399 Section: 022

Reading and Research (111027)

Elaine Scarry

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants**

for admission should first confer with the Director of Graduate Studies.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

English 399 Section: 023

Reading and Research (111027)

Marc Shell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

English 399 Section: 023

Reading and Research (111027)

Marc Shell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

FAS: Course Level	Graduate Course

English 399 Section: 024

Reading and Research (111027)

James Simpson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

English 399 Section: 024

Reading and Research (111027)

James Simpson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

English 399 Section: 025

Reading and Research (111027)

John Stauffer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

English 399 Section: 025

Reading and Research (111027)

John Stauffer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

English 399 Section: 026

Reading and Research (111027)

Gordon Teskey

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular**

courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

English 399 Section: 026

Reading and Research (111027)

Gordon Teskey

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

English 399 Section: 027

Reading and Research (111027)

Helen Vendler

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

English 399 Section: 027

Reading and Research (111027)

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

English 399 Section: 030

Reading and Research (111027)

Leah Whittington

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

English 399 Section: 030

Reading and Research (111027)

Leah Whittington

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

English 399 Section: 031

Reading and Research (111027)

James Wood

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

English 399 Section: 031

Reading and Research (111027)

James Wood

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

English 399 Section: 032

Reading and Research (111027)

David Alworth

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

English 399 Section: 035

Reading and Research (111027)

Jesse McCarthy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants**

for admission should first confer with the Director of Graduate Studies.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

English 399 Section: 28

Reading and Research (111027)

Andrew Warren

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

English 399 Section: 28

Reading and Research (111027)

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

English 399 Section: 29

Reading and Research (111027)

Nicholas Watson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

English 399 Section: 29

Reading and Research (111027)

Nicholas Watson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

English 399 Section: 30

Reading and Research (111027)

Claire Messud

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

English 399 Section: 30

Reading and Research (111027)

Claire Messud

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Conducted through regular conferences and assigned writing. Limited to students reading specifically on topics not covered in regular courses. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Environmental Science and Public Policy

Subject: Environmental Sci & Public Pol

Environmental Sci & Public Pol 11 Section: 1

Sustainable Development (109934)

William Clark

Alicia Harley

Michaela Thompson

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 40

Explores contemporary understandings and practical implications of the idea of sustainable development. Investigates the meanings and measures that different groups have given to "sustainable development;" scientific understanding of the complex social-environmental systems we seek to develop sustainably; and lessons on how societies have avoided the "tragedy of the commons" while instituting practical action that advances sustainable development effectively and equitably. Employs case studies in development to meet needs for energy, food, water and health.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Environmental Sci & Public Pol 77 Section: LEC

Technology, Environment, and Society (109882)

Sheila Jasanoff

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Our interactions with the natural world are increasingly mediated through changes in technology. Technologies create risks, generate solutions, reshape the environment, and alter our perception of the boundaries between nature and artifice. This course draws on major theories of technology and society to inform and deepen our understanding of environmental crises, problems, possible fixes, and policy options.

Course Notes: **Offered in alternate years.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Environmental Sci & Public Pol 90E Section: 0

Conservation Biology (119814)

Mark Margres

2020 Spring (4 Credits) **Schedule:** W 0900 AM - 1130 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The major goal of conservation biology is to preserve and recover genetic, species, and ecosystem diversity through evidence-based assessment, analysis, and management. This course will integrate evolutionary and ecological theory into resource management, economics, sociology, and political science to explore conservation strategies associated with habitat fragmentation and loss, exotic species invasions, over-harvesting and sustainable development, re-wilding, and other relevant topics across the ever-changing wildlife-human landscape relationship. State-of-the-art tools and methodologies will be introduced and showcased with real examples. Weekly classes will involve discussions of emerging conservation issues through the reading of research papers as well as hands-on learning of methodologies of conservation science through analysis of real data. Seminars and discussion forums with guest researchers and field trips with hands-on data collection will also be offered.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Environmental Sci & Public Pol 90N

Future Energy Economies: Perspectives from the Past: Challenges for the Future (123858)

Michael McElroy

Shaojie Song

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The seminar will provide a historical perspective on the development of the Chinese and Indian economies with emphasis on their energy sectors, including analysis of related environmental problems. Low-carbon energy options will be introduced, including opportunities for nuclear, wind, solar, hydro, and biofuels. Relations to the global energy systems will be discussed. The seminar will discuss tradeoffs implicit in these choices with respect to reconciling competing goals for environmental protection and economic development.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

Environmental Sci & Public Pol 90S Section: SEM

The Technology, Economics, and Public Policy of Renewable Energy (127572)

George Baker

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 50

Energy is the lifeblood of economic activity, and there is little prospect of this changing. However, the planet's stores of easily accessed fossil fuels are limited, and the climatological cost of continuing to rely on fossil fuels is high. This course examines the long run and short run prospects for renewable energy. We start by understanding the technology of various renewables, including hydro, solar, wind, biomass, etc. We then examine the economics of these technologies, and how subsidies and taxes affect their viability. Special attention will be paid to the interaction of technology, economics, and public policy.

Class Notes: **This course will be offered in a seminar format with an enrollment limit of 30.**

Recommended Prep: **Economics 10a.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

Environmental Sci & Public Pol 90X

Current Issues in U.S. Environmental Law (156676)

Shaun Goho

2019 Fall (4 Credits) **Schedule:** T 0600 PM - 0830 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course examines federal environmental law in the United States. It provides an introduction some of the most important environmental laws, the methods of regulation and enforcement represented by those laws, and current controversies regarding their implementation and development. Each week's class will be divided between a general discussion of the law under examination and an in-depth discussion of a current controversy involving that law, with a particular focus on the Trump administration's environmental rollbacks.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Environmental Sci & Public Pol 91R

Supervised Reading and Research (110943)

Noel Holbrook

2020 Spring (4 Credits) **Schedule:** R 0200 PM - 0300 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised reading and research on topics not covered by regular courses of instruction. Students must complete a registration form, including permission from their faculty sponsor, with the concentration office before course enrollment. A final paper describing the research/reading completed during the term is due in duplicate to the Head Tutor on the first day of reading period.

Course Notes: **Intended for junior and senior concentrators in Environmental Science and Public Policy; open to sophomore concentrators only under exceptional circumstances. Permission of the Head Tutor is required for enrollment. May be counted for concentration only with the special permission of the Head Tutor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Environmental Sci & Public Pol 91R

Supervised Reading and Research (110943)

Noel Holbrook

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised reading and research on topics not covered by regular courses of instruction. Students must complete a registration form, including permission from their faculty sponsor, with the concentration office before course enrollment. A final paper describing the research/reading completed during the term is due in duplicate to the Head Tutor on the first day of reading period.

Course Notes: **Intended for junior and senior concentrators in Environmental Science and Public Policy; open to sophomore concentrators only under exceptional circumstances. Permission of the Head Tutor is required for enrollment. May be counted for concentration only with the special permission of the Head Tutor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Environmental Sci & Public Pol 99A

Tutorial - Senior Year (116570)

Noel Holbrook

2019 Fall (4 Credits) **Schedule:** W 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Research and writing of the senior thesis under faculty direction. Senior honors candidates must take at least one term of this course while writing a thesis. The signature of the faculty adviser is required. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Indivisible Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Environmental Sci & Public Pol 99B

Tutorial - Senior Year (159921)

Noel Holbrook

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Research and writing of the senior thesis under faculty direction. Senior honors candidates must take at least one term of this course while writing a thesis. The signature of the faculty adviser is required. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Indivisible Course
Course Search Attributes	Display Only in Course Search
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Environmental Science and Engineering

Subject: Environ Science & Engineering

Environ Science & Engineering 6

Introduction to Environmental Science and Engineering (116362)

Elsie Sunderland

Steven Wofsy

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will provide students with an introduction to current topics in environmental science and engineering by providing: an overview of current environmental issues, critically evaluating their underlying science and knowledge limitations, and exploring the best-available engineering solutions to some of our most pressing environmental problems. The course will emphasize the interconnected biological, geological, and chemical cycles of the earth system (biogeochemical cycles) and how human activity affects these natural cycles within each of the major environmental compartments (atmospheric, aquatic, and terrestrial).

Recommended Prep: **The course presumes basic knowledge in chemistry, physics, and mathematics at the high school level.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Environ Science & Engineering 101

Global Warming Science 101 (214500)

Eli Tziperman

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to the science of global warming/ climate change, meant to assist students to process issues that often appear in the news and public debates. Topics include: the greenhouse effect, and consequences of the rise of greenhouse gasses including sea level rise, ocean acidification, heat waves, droughts, glacier melting, hurricanes and more. Throughout, an ability to critically evaluate observations, predictions and risk will be emphasized. The students will be involved in in-class quantitative analysis of climate observations, feedbacks and models via python Jupyter notebooks that will be provided.

Course Notes: **ESE 101 is also offered as E-PSCI 101. Students may not take both for credit. For SB students: this course can only count as a science elective in the concentration requirements, and SB students must enroll in E-PSCI 101. AB students may enroll in either E-PSCI 101 or ESE 101 to meet their concentration requirements.**

Class Notes: **Programming in Python will be employed throughout the course in HW assignments and course workshops. Prior exposure to basic programming would be helpful, and students will be provided with template code to start from and be guided in this work in weekly course workshops. Students are requested to bring their laptops to the first class, and to try to install Anacoanda python version 3.7 before class.**

Recommended Prep: **Basic calculus and ordinary differential equations, as covered for example by Math 1b, Math 19a, Math 21b.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Environ Science & Engineering 122

Designing Satellite Missions: Research Methods through the Lens of Earth Observing Systems (215716)

Peter Zoogman

2020 Spring (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Satellites provide a vast and powerful suite of global observations of Earth system processes. In this course, students will learn research methods and work with satellite data, including those targeted at: land use, ocean biochemistry, climate change, and air pollution. We will emphasize skills for designing and proposing projects, such as: project planning, reading scientific papers, writing research proposals, and exploratory data analysis. This course will provide the framework and understanding for the students to design future missions to address environmental, scientific, and societal challenges. By the end of the course, students will have learned to work with big data both to address existing scientific questions and to pose new ones.

Course Notes: **ESE 122 is also offered as E-PSCI 122. Students may not take both for credit. Given in alternate years.**

Recommended Prep: **Math 1a,b; Physics 11a.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Environ Science & Engineering 129

Climate and Atmospheric Physics Laboratory (213669)

Marianna Linz

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will take a hands-on approach to learning climate and atmospheric physics. Topics covered will include the Greenhouse effect, global scale atmospheric dynamics, synoptic meteorology and weather forecasting, and climate modeling. Each week will have one three-hour session to perform laboratory experiments, run models, analyze data, and create data visualizations. In this flipped-classroom environment, knowledge transfer will occur outside of class through readings and pre-class assignments in preparation for each session.

Course Notes: **ESE 129 is also offered as EPS 129. Students may not take both for credit. For SB students: this course can only count as a science elective in the concentration requirements, and SB students must enroll in EPS 129. AB students may enroll in either EPS 129 or ESE 129 to meet their concentration requirements.**

Recommended Prep: **Physics 12a/15a/16, Math/AM 21a (b recommended) or equivalent or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Environ Science & Engineering 131

Introduction to Physical Oceanography and Climate (156500)

Eli Tziperman

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Observations and fundamentals of ocean dynamics, from the role of the oceans in global climate and climate change to beach waves. Topics include the greenhouse effect, oceans and global warming; El Nino events in the equatorial Pacific Ocean; currents: the wind driven ocean circulation and the Gulf stream; coastal upwelling and fisheries; temperature, salinity, the overturning circulation and its effect on global climate stability and variability; wave motions: surface ocean waves, internal waves, tsunamis and tides; ocean observations by ships, satellites, moorings, floats and more.

A field trip to the Woods Hole Oceanographic Institution on Cape Cod will be held during the course, which will be an opportunity to learn about sea-going oceanography.

Software for scientific computation and graphics will be introduced (students may choose either Matlab or python), which will be used for some homework assignments.

Course Notes: **EPS 131 is also offered as ES 131. Students may not take both for credit. This course fulfills the EPS sub-discipline requirement of Oceans and Atmosphere(s). Given in alternate years.**

Recommended Prep: **Mathematics 21a,b; Physical Sciences 12a,b, Physics 15a,b,c or Applied Physics 50a,b; or permission of instructor.**

Requirements: **Prerequisite: Mathematics 21a and 21b; and Physical Sciences 12a, Physics 15a, or Applied Physics 50a; or equivalents / permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
Quantitative Reasoning with Data	Yes
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Environ Science & Engineering 133

Atmospheric Chemistry (156496)

Daniel Jacob

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Physical and chemical processes determining the composition of the atmosphere and its implications for climate, ecosystems, and human welfare. Construction of atmospheric composition models. Atmospheric transport. Nitrogen, oxygen, and carbon cycles. Climate forcing by greenhouse gases and aerosols. Stratospheric ozone. Oxidizing power of the atmosphere. Surface air pollution: aerosols and ozone. Deposition to ecosystems: acid rain, nitrogen, mercury.

Course Notes: **ESE 133 is also offered as EPS 133. Students may not take both EPS 133 and ESE 133 for credit. Undergraduate engineering students should enroll in ESE 133.**

Recommended Prep: **Physical Sciences 1, 2, Mathematics 1b; or equivalents.**

Requirements: **Prerequisite: Physical Sciences 1 or 11; and Math 1b**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration

Environ Science & Engineering 136

Climate and Climate Engineeering (207835)

David Keith

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to the physics that determine our planet's climate motivated by concerns about human-driven climate change. From highly-simplified models of radiation and convection in a column to state-of-the art models of the general circulation, the course provides a hands-on introduction to modeling tools as a basis for understanding predictions of climate change and assessing their uncertainty. Solar geoengineering, the possibility of deliberate large-scale intervention in the climate, is covered as a potentially important new application of atmospheric science and as a tool to motivate analysis of aerosol radiative forcing, feedbacks, and uncertainty.

Recommended Prep: **One freshman-level math or applied math course, one freshman-level**

science course, and physics at either the freshman or high-school level; or, permission of instructor.

Requirements: **Prerequisite: Math 1a; Physical Sciences 1 or 11; and Physical Sciences 12a, Physics 15a, or Applied Physics 50a; or equivalents/permission of instructor**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Environ Science & Engineering 138

Mysteries of Climate Dynamics (210896)

Brian Farrell

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

We will study the evidence in the climate record for dramatic changes in the climate system and delve into how these challenge our understanding of climate dynamics. Case studies will include the dim early sun paradox, the Snowball Earth, Equable Climates, Glacial/Interglacial and Stadial/Interstadial transitions and ENSO.

Course Notes: **EPS 138 is also offered as ESE 138. For SB students: this course can only count as a science elective in the concentration requirements, and SB students must enroll in EPS 138. AB students may enroll in either EPS 138 or ESE 138 to meet their concentration requirements.**

Recommended Prep: **Mathematics 21 or Applied Mathematics 21a and 21b; Physical Sciences 12; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Undergraduate Students

Environ Science & Engineering 160

Space Science and Engineering: Theory and Applications (160452)

Robin Wordsworth

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This course is an introduction to the challenges involved in designing spacecraft for observation of Earth and exploration of other planets. Topics covered include basic atmospheric and planetary science, key principles of remote sensing, telemetry, orbital transfer theory, propulsion and launch system design, and thermal and power management.

Course Notes: **ESE 160 is also offered as EPS 160. Students may not take both for credit. Undergraduate engineering students should enroll in ESE 160.**

Requirements: **Prerequisite: Math 21a and 21b (or equivalents); and Physical Sciences 12a and 12b (or equivalents)**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students

Environ Science & Engineering 161

Applied Environmental Toxicology (156933)

Elsie Sunderland

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will examine the theory and practical application of environmental chemistry and toxicology for assessing the behavior, toxicity and human health risks of chemical contaminants in the environment. The goals of the course are to: (a) illustrate how various sub-disciplines in environmental toxicology are integrated to understand the behavior of pollutants; (b) demonstrate how scientific information is applied to inform environmental management decisions and public policy through several case studies; and (c) provide an introduction to the legislative framework in which environmental toxicology is conducted. This course will be directed toward undergraduate students with a basic understanding of chemistry and calculus and an interest in applied science and engineering to address environmental management problems.

Requirements: **Prerequisite: Physical Sciences 1 or 11; and Math 1b**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students

Environ Science & Engineering 163

Pollution Control in Aquatic Ecosystems (109684)

Patrick Ulrich

2019 Fall (4 Credits) **Schedule:** MWF 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course is focused on aspects of environmental engineering related to the fate, transport, and control of pollution in surface water ecosystems. Course modules will cover ecological impacts of environmental contaminants; fundamental chemistry of natural waters; surface water aspects of engineering hydrology, including rainfall-runoff relationships; quantitative models of pollutant fate and transport in rivers, lakes, estuaries, and wetlands; best management practices for the prevention and control of aquatic pollution; and sustainable natural treatment systems for water quality improvement.

Requirements: **Prerequisite: ESE 6 and Math 21a (or equivalent)**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Environ Science & Engineering 166

State-of-the-art Instrumentation in Environmental Sciences (161263)

Frank Keutsch

2020 Spring (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will showcase how novel technologies have allowed fascinating new insights into key aspects of our environment that are of high societal importance. Students will gain both an understanding of topics such as climate change and air pollution as well as detailed knowledge of the design and underlying principles of environmental instrumentation, especially via the hands-on laboratory sessions.

The development of novel instrumentation, driven by technological advances, is transforming observations and revolutionizing the environmental sciences. For example, they introduce new observables and extend the spatial and temporal coverage and resolution of (Earth) observations. This course will highlight how state-of-the-art instrument design has enabled these fascinating advances by focusing on the engineering as well as physics and chemistry principles that are central to this success. A central component of the course consists of laboratory sessions that provide hands-on experience on important aspects of instrumentation, ranging from data acquisition, instrument control software, basic electronic filtering all the way to learning design concepts and operation of spectroscopic, mass-spectrometric and separations instrumentation. There will also be a tour of some of the laboratories using state-of-the-art environmental instrumentation at Harvard. The course and especially the laboratory experiments contain aspects from various engineering disciplines including environmental, electronic and mechanical engineering.

Recommended Prep: **Math 1a, b; PS 11 or equivalent; PS 12a, b (or Physics 15a, b or AP 50a, b).**

Requirements: **Prerequisite: Math 1b; Physical Sciences 1 or 11; and Physical Sciences 12a and 12b (or equivalents)**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Ethnicity, Migration, Rights

Subject: Ethnicity, Migration, Rights

Ethnicity, Migration, Rights 121

Native Americans in the 21st Century: Nation Building II (160752)

Eric Henson

2020 Spring (4 Credits) **Schedule:** T 0210 PM - 0400 PM

Instructor Permissions: Instructor **Enrollment Cap:** 25

This field-based research course focuses on some of the major issues Native American Indian tribes and nations face as the 21st century begins. It provides in-depth, hands-on exposure to native development issues, including: sovereignty, economic development, constitutional reform, leadership, health and social welfare, land and water rights, culture and language, religious freedom, and education. In particular, the course emphasizes problem definition, client relationships, and designing and completing a research project. The course is devoted primarily to preparation and presentation of a comprehensive research paper based on a field investigation. In addition to interdisciplinary faculty presentations on topics such as field research methods and problem definition, students will make presentations on their work in progress and findings. Recommended course: PED-501M. Jointly offered at Harvard Kennedy School as DEV 502 and Harvard Graduate School of Education as A102.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Ethnicity, Migration, Rights 123

Issues in the Study of Native American Religion (160748)

Ann Braude

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Based around a series of guest speakers, the course interrogates the study of religion in general and of Native American traditions in particular in light of indigenous perspectives and histories. Questions of appropriation, repatriation and religious freedom will be approached through legal as well as cultural frameworks. Jointly offered as HDS 2345 and Religion 1590.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Ethnicity, Migration, Rights 129 Section: 1

Education in Armed Conflict (205500)

Sarah Dryden Peterson

2020 Spring (4 Credits) **Schedule:** M 0900 AM - 1200 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course examines the multidimensional and multidirectional relationships between armed conflict and education. How can education contribute to the work of building "lasting peace" in settings of armed conflict globally? How does education reflect inequalities and reinforce social tensions? How does it contribute to stability and reconciliation? What role does it play in shaping individual and collective imaginings of a post-conflict future? Through critical reading of theoretical texts and case studies, engagement with guest speakers, simulations, and other learning tools, we will adopt an action-oriented approach to investigation of these and other questions. We will look beyond the provision of schooling to the learning and teaching that takes place in schools and community settings, and examine the relationships that are at the core of these educational interactions. Central to discussions will be connections between public policy, daily experiences, and social justice. The course includes a semester-long project through which students will deepen their research, writing, and policy analysis skills, and explore the intellectual and practical dimensions of connecting research, policy, and practice.

Open to all students with an interest in settings of armed conflict or comparative education generally.

Course Notes: **Required, weekly, one-hour section.**

Offered jointly with HGSE as EDU A816. Harvard College students can enroll with instructor consent.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Ethnicity, Migration, Rights 131 Section: 1

Love's Labors Found: Uncovering Histories of Emotional Labor (207804)

Caroline Light

2019 Fall (4 Credits) **Schedule:** R 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

How do love, care, and desire influence the value of work, and why is emotional labor – which is vital to child or elder care, domestic labor, nursing, teaching, and sex work – often considered to be something other than work? How and why do the racial and gender identities of workers affect the economic, social, and emotional value of their labor? How do political and social arrangements of labor help produce and reinforce racial categories while solidifying the boundaries separating masculinity and femininity? Through a mix of primary and secondary sources, this seminar explores histories of emotional labor and the power structures that give meaning to often taken-for-granted categories of work. These sometimes hidden histories are key to untangling the gender, sexual, and racial implications of the "intimate industries" that populate today's transnational labor economies.

Course Notes: **This course, when taken for a letter grade, counts as a portal course for the secondary field in Ethnicity, Migration, Rights (EMR).**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Ethnicity, Migration, Rights 133

Power, Knowledge, Identity: Critical Approaches to Race and Ethnicity (208114)

Eleanor Craig

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

How might critical attention to race and ethnicity as they intersect with gender and sexuality—and also frameworks of indigeneity and class—shape how we study? How do these lenses shift the questions we ask, the information that counts as data, and the genres of work that we recognize as 'academic'?

For those newer to studies of race and ethnicity, this course provides intersectional frameworks for recognizing what assumptions undergird academic projects and fields of study. For those familiar with ethnic studies, it aims to serve as a 'Theories and Methods' course, providing tools and strategies for refining one's own interdisciplinary inquiries.

Topic: **Power, Knowledge, Identity**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Ethnicity, Migration, Rights 135

Climate Migration: Histories, Borders, and Activism (213390)

Kristina Shull

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

The International Organization for Migration (IOM) predicts that by the year 2050, between 125 million and 1 billion people will be displaced by the far-reaching impacts of climate change. However, the status of "climate refugees" is hard to define and there are no legal protections for such a category of refugee in international law. Furthermore, powerful countries like the United States are strengthening militarization and border enforcement in an era of growing humanitarian need. This writing and discussion-intensive seminar explores the historical relationship between climate change and migration, as well as the rise of border enforcement and artistic and activist responses to these crises. Students will also have the opportunity to contribute collaboratively to the digital humanities project "Climate Refugee Stories." Some questions we will address are: How do histories of colonialism and racial capitalism help us understand a growing global refugee crisis?

What does it mean to be a "climate refugee" or "environmental migrant" in the era of anthropogenic climate change? What are the experiences of those most directly impacted? And how are these displacements creating new opportunities for collective responses to addressing climate change that are rooted in migrant, indigenous, land, and human rights?

Topic: **Climate Migration**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Ethnicity, Migration, Rights 136

Race, Gender, and American Empire (213393)

Hannah Waits

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This seminar explores the culture and politics of American imperialism from the late 19th century to the present, with particular attention to race and gender. This writing and discussion-intensive course encourages students to examine how formal and informal imperial relations developed, and to analyze how American empire functioned on the ground for those who imposed it and those who resisted, appropriated, or accommodated it. The course focuses especially on American relations with Asia and Latin America, and topics include immigration, military occupation, gendered and racialized cultural engagement, international adoption, humanitarianism, and international development. Assigned readings bring together scholarship from American Studies, Women's Studies, Ethnic Studies, Anthropology, and American History.

Topic: **Race, Gender, Amerian Empire**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Ethnicity, Migration, Rights 137

Asian American Mobility and Transpacific Movements (213404)

Courtney Sato

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This seminar draws together Asian American history (ca. 1800-present) and the emerging interdisciplinary field of mobility studies. This course will explore the formation of "Asia America" through Asian American networks and transpacific communities with particular attention to the perspectives and agency of Asian/Americans. Together we will think through and critically interrogate histories and cultures of

movements in various forms (lecture and world fair circuits, gendered labor flows, cultures of travel, the figure of the sojourner, international student exchanges, and transportation infrastructure like steamship and railroad lines). Throughout, we will employ transnational and diasporic analyses to examine central themes in Asian American and transpacific studies including: immigration, labor, cultural representations, militarism, gender and sexuality, settler colonialism, and political movements and ideologies.

Topic: **Asian American Mobility**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Ethnicity, Migration, Rights 138

African American and Latin American Intersections: Race, Religion & Revolution (213405)

Christina Davidson

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course explores African American and Latin American links before 1959. It examines the ties between African Americans and various Latin American countries: Haiti/DR, Cuba, the Anglophone Caribbean, Argentina, and Mexico. The thematic scope covers: slavery, race theory, migration, diplomacy & politics, religion, war, and tourism.

Topic: **Race, Religion, Revolution**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Ethnicity, Migration, Rights 139 Section: 01

Coloniality, Race and Catastrophe (213559)

Mayra Rivera

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0200 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course explores the relationship between coloniality, race and ecology through the lens of "catastrophe." We will examine a variety of theoretical and literary sources that deploy or refute tropes of the "end of the world." We will study different uses of "catastrophe" to denounce the destruction of a particular world, re-imagine the past, or proclaim the impossibilities of the present. Through the readings and discussions, we will analyze the aims, effectiveness and limitations of talk of catastrophe in the contemporary context. Jointly offered as HDS 2432.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Ethnicity, Migration, Rights 140

Contemporary Immigration Policy and Educational Practice (214346)

Roberto Gonzales

2019 Fall (4 Credits) **Schedule:** T 0100 PM - 0359 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Today's immigration debates have brought to the fore conflicting visions regarding the place of immigrants in our society and educational systems. This course will examine legal and undocumented immigration from both community level and policy frames of understanding and interrogation. Students will start with the broad question of what Americans should do with the current immigration system--including the estimated 11.1 million people presently living in the United States in unauthorized residency status--and then take a deeper look at the ways in which U.S. laws and school experiences shape the everyday lives of immigrant children, adolescents, and young adults. Finally, students will explore the challenges educators face in working within the intersection of immigration policy and people's lives, and how this work shapes various possible roles as teachers, leaders, school policy-makers, advocates, and allies.

The primary objective of this course is to assist students in building a fundamental understanding of various issues relevant to immigration policy and educational practice. It is designed to achieve the following objectives: 1. To provide students with an understanding of the public policy context of immigration and how that context shapes immigrants' daily realities and our work with immigrant communities, families, and individuals; 2. To present students with important controversies and trends in contemporary immigration and education policy and help them to develop a critical perspective with respect to such controversies and trends; 3. To help students understand the important implications of immigration policies for the education and schooling of immigrant youth; 4. To provide students the tools to critically examine their professional work and evaluate its outcomes in ways that are self-reflective; 5. To broaden students' viewpoints so they can advocate for the policies and practices that meet the needs of immigrant students and their families.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Expository Writing

Subject: Expository Writing

Expository Writing 10 Section: 101

Introduction to Expository Writing (118262)

Vernon Davies

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Department **Enrollment Cap:** 10

A rigorous, intensive elective that helps students prepare for the demands of college writing. In small classes, students work closely with instructors on developing and organizing ideas, analyzing sources, and drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. Assignments are based on sources from a range of disciplines and genres.

Topic: **Expos Studio 10: Introduction**

Course Notes: **After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Not Available for Cross Registration
Expository Sectioning	Expository Writing Studio 10 Sectioning

Expository Writing 10 Section: 102

Introduction to Expository Writing (118262)

Vernon Davies

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Department **Enrollment Cap:** 9

A rigorous, intensive elective that helps students prepare for the demands of college writing. In small classes, students work closely with instructors on developing and organizing ideas, analyzing sources, and drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. Assignments are based on sources from a range of disciplines and genres.

Topic: **Expos Studio 10: Introduction**

Course Notes: **After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.**

Additional Course Attributes:

Attribute	Value(s)
Course Search Attributes	Display Only in Course Search
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
Expository Sectioning	Expository Writing Studio 10 Sectioning
FAS: Course Level	Primarily for Undergraduate Students

Expository Writing 10 Section: 103

Introduction to Expository Writing (118262)

Sarah Case

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Department **Enrollment Cap:** 9

A rigorous, intensive elective that helps students prepare for the demands of college writing. In small classes, students work closely with instructors on developing and organizing ideas, analyzing sources, and drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. Assignments are based on sources from a range of disciplines and genres.

Topic: **Expos Studio 10: Introduction**

Course Notes: **After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.**

Additional Course Attributes:

Attribute	Value(s)
Expository Sectioning	Expository Writing Studio 10 Sectioning
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search

Expository Writing 10 Section: 104

Introduction to Expository Writing (118262)

Sarah Case

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: Department **Enrollment Cap:** 10

A rigorous, intensive elective that helps students prepare for the demands of college writing. In small classes, students work closely with instructors on developing and organizing ideas, analyzing sources, and drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. Assignments are based on sources from a range of disciplines and genres.

Topic: **Expos Studio 10: Introduction**

Course Notes: **After taking Expos Studio 10, a student must pass Expository Writing**

20 or Expos Studio 20 to meet the College's Expository Writing requirement.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing Studio 10 Sectioning
Course Search Attributes	Display Only in Course Search

Expository Writing 10 Section: 105

Introduction to Expository Writing (118262)

Jonah Johnson

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** 9

A rigorous, intensive elective that helps students prepare for the demands of college writing. In small classes, students work closely with instructors on developing and organizing ideas, analyzing sources, and drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. Assignments are based on sources from a range of disciplines and genres.

Topic: **Expos Studio 10: Introduction**

Course Notes: **After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
Course Search Attributes	Display Only in Course Search
Expository Sectioning	Expository Writing Studio 10 Sectioning
FAS Divisional Distribution	None

Expository Writing 10 Section: 106

Introduction to Expository Writing (118262)

Donna Mumme

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** 9

A rigorous, intensive elective that helps students prepare for the demands of college writing. In small classes, students work closely with instructors on developing and organizing ideas, analyzing sources, and drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. Assignments are based on sources from a range of disciplines and genres.

Topic: **Expos Studio 10: Introduction**

Course Notes: **After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
Course Search Attributes	Display Only in Course Search
Expository Sectioning	Expository Writing Studio 10 Sectioning

Expository Writing 10 Section: 107

Introduction to Expository Writing (118262)

Donna Mumme

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: Department **Enrollment Cap:** 10

A rigorous, intensive elective that helps students prepare for the demands of college writing. In small classes, students work closely with instructors on developing and organizing ideas, analyzing sources, and drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. Assignments are based on sources from a range of disciplines and genres.

Topic: **Expos Studio 10: Introduction**

Course Notes: **After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.**

Additional Course Attributes:

Attribute	Value(s)
Expository Sectioning	Expository Writing Studio 10 Sectioning
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
Course Search Attributes	Display Only in Course Search
FAS Divisional Distribution	None

Expository Writing 10 Section: 108

Introduction to Expository Writing (118262)

Jane Rosenzweig

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** 9

A rigorous, intensive elective that helps students prepare for the demands of college writing. In small classes, students work closely with instructors on developing and organizing ideas, analyzing sources, and drafting and revising clear, engaging essays. Students meet frequently in individual conferences with

instructors to discuss their work, and the class also emphasizes collaborative work among students. Assignments are based on sources from a range of disciplines and genres.

Topic: **Expos Studio 10: Introduction**

Course Notes: **After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
Expository Sectioning	Expository Writing Studio 10 Sectioning
Course Search Attributes	Display Only in Course Search
FAS Divisional Distribution	None

Expository Writing 10 Section: 110

Introduction to Expository Writing (118262)

Adrienne Tierney

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: Department **Enrollment Cap:** 10

A rigorous, intensive elective that helps students prepare for the demands of college writing. In small classes, students work closely with instructors on developing and organizing ideas, analyzing sources, and drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. Assignments are based on sources from a range of disciplines and genres.

Topic: **Expos Studio 10: Introduction**

Course Notes: **After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Not Available for Cross Registration
Expository Sectioning	Expository Writing Studio 10 Sectioning
FAS: Course Level	Primarily for Undergraduate Students

Expository Writing 10 Section: 112

Introduction to Expository Writing (118262)

Katie Baca

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: Department **Enrollment Cap:** 10

A rigorous, intensive elective that helps students prepare for the demands of college writing. In small classes, students work closely with instructors on developing and organizing ideas, analyzing sources, and drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. Assignments are based on sources from a range of disciplines and genres.

Topic: **Expos Studio 10: Introduction**

Course Notes: **After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
Expository Sectioning	Expository Writing Studio 10 Sectioning
Course Search Attributes	Display Only in Course Search
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students

Expository Writing 10 Section: 113

Introduction to Expository Writing (118262)

Katie Baca

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** 10

A rigorous, intensive elective that helps students prepare for the demands of college writing. In small classes, students work closely with instructors on developing and organizing ideas, analyzing sources, and drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. Assignments are based on sources from a range of disciplines and genres.

Topic: **Expos Studio 10: Introduction**

Course Notes: **After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing Studio 10 Sectioning
Course Search Attributes	Display Only in Course Search
FAS Divisional Distribution	None

Expository Writing 10 Section: 114

Introduction to Expository Writing (118262)

Ryan Napier

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** 10

A rigorous, intensive elective that helps students prepare for the demands of college writing. In small classes, students work closely with instructors on developing and organizing ideas, analyzing sources, and drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. Assignments are based on sources from a range of disciplines and genres.

Topic: **Expos Studio 10: Introduction**

Course Notes: **After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.**

Additional Course Attributes:

Attribute	Value(s)
Expository Sectioning	Expository Writing Studio 10 Sectioning
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search

Expository Writing 10 Section: 115

Introduction to Expository Writing (118262)

Ryan Napier

2019 Fall (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: Department **Enrollment Cap:** 9

A rigorous, intensive elective that helps students prepare for the demands of college writing. In small classes, students work closely with instructors on developing and organizing ideas, analyzing sources, and drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. Assignments are based on sources from a range of disciplines and genres.

Topic: **Expos Studio 10: Introduction**

Course Notes: **After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
Expository Sectioning	Expository Writing Studio 10 Sectioning

Expository Writing 10 Section: 116

Introduction to Expository Writing (118262)

Lusia Zaitseva

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Department **Enrollment Cap:** 10

A rigorous, intensive elective that helps students prepare for the demands of college writing. In small classes, students work closely with instructors on developing and organizing ideas, analyzing sources, and drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. Assignments are based on sources from a range of disciplines and genres.

Topic: **Expos Studio 10: Introduction**

Course Notes: **After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
Course Search Attributes	Display Only in Course Search
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing Studio 10 Sectioning

Expository Writing 10 Section: 117

Introduction to Expository Writing (118262)

Lusia Zaitseva

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Department **Enrollment Cap:** 10

A rigorous, intensive elective that helps students prepare for the demands of college writing. In small classes, students work closely with instructors on developing and organizing ideas, analyzing sources, and drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. Assignments are based on sources from a range of disciplines and genres.

Topic: **Expos Studio 10: Introduction**

Course Notes: **After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing Studio 10 Sectioning
All: Cross Reg Availability	Not Available for Cross Registration
Course Search Attributes	Display Only in Course Search
FAS Divisional Distribution	None

Expository Writing 10 Section: 118

Introduction to Expository Writing (118262)

Spencer Strub

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Department **Enrollment Cap:** 9

A rigorous, intensive elective that helps students prepare for the demands of college writing. In small classes, students work closely with instructors on developing and organizing ideas, analyzing sources, and drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. Assignments are based on sources from a range of disciplines and genres.

Topic: **Expos Studio 10: Introduction**

Course Notes: **After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing Studio 10 Sectioning
Course Search Attributes	Display Only in Course Search
FAS Divisional Distribution	None

Expository Writing 10 Section: 119

Introduction to Expository Writing (118262)

Spencer Strub

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: Department **Enrollment Cap:** 10

A rigorous, intensive elective that helps students prepare for the demands of college writing. In small classes, students work closely with instructors on developing and organizing ideas, analyzing sources, and drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. Assignments are based on sources from a range of disciplines and genres.

Topic: **Expos Studio 10: Introduction**

Course Notes: **After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.**

Additional Course Attributes:

Attribute	Value(s)
Expository Sectioning	Expository Writing Studio 10 Sectioning
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Primarily for Undergraduate Students

Expository Writing 20 Section: 201

Expository Writing 20 (116353)

David Barber

2020 Spring (4 Credits)		**Schedule:**	TR 0130 PM - 0245 PM
Instructor Permissions:	Department	**Enrollment Cap:**	15

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic:	**Wizards and Wild Things**
Course Notes:	**Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**
Class Notes:	**Once upon a time, there was no Harry Potter. Once upon a time, there was no such thing as children's literature. When and if children learned to read, they read what grown-ups read. How then did writing for children as we now know it come of age? Why does the genre have such an enduring hold on our cultural imagination, even as it continues to provoke sharp debate over its greater purpose and value? Are classic children's books like *The Wizard of Oz*, *The Wind in the Willows*, and *The Cat in the Hat* instructive or subversive, didactic or liberating? In this course we'll examine selections from three centuries of popular prose and verse written expressly for and about children as we investigate how this eclectic canon reflects evolving ideas about childhood, changing views about educating and enchanting young readers, and persistent disputes over what and how children should learn from books. In Unit 1 we'll survey landmark works in English for children from the Puritan through the Victorian eras, including *The New England Primer, Grimms' Tales*, and *Alice in Wonderland*, as we consider what these texts tell us about the origin and evolution of the genre. In Unit 2 we'll examine works by touchstone authors for younger readers including Mark Twain, Louisa May Alcott, Rudyard Kipling, E. B. White, C. S. Lewis, Maurice Sendak, and others, drawing on the critical perspectives of thinkers such as John Locke, Bruno Bettelheim, Alison Lurie, and Marina Warner to assess arguments about the essential function of imaginative literature from infancy through adolescence. In the final unit, students will conduct their own research to place a major children's author of their choice in a relevant cultural and historical context.**

Once upon a time, there was no Harry Potter. Once upon a time, there was no such thing as children's literature. When and if children learned to read, they read what grown-ups read. How then did writing for children as we now know it come of age? Why does the genre have such an enduring hold on our cultural imagination, even as it continues to provoke sharp debate over its greater purpose and value? Are classic children's books like *The Wizard of Oz*, *The Wind in the Willows*, and *The Cat in the Hat* instructive or subversive, didactic or liberating? In this course we'll examine selections from three centuries

of popular prose and verse written expressly for and about children as we investigate how this eclectic canon reflects evolving ideas about childhood, changing views about educating and enchanting young readers, and persistent disputes over what and how children should learn from books. In Unit 1 we'll survey landmark works in English for children from the Puritan through the Victorian eras, including *The New England Primer, Grimms' Tales*, and *Alice in Wonderland*, as we consider what these texts tell us about the origin and evolution of the genre. In Unit 2 we'll examine works by touchstone authors for younger readers including Mark Twain, Louisa May Alcott, Rudyard Kipling, E. B. White, C. S. Lewis, Maurice Sendak, and others, drawing on the critical perspectives of thinkers such as John Locke, Bruno Bettelheim, Alison Lurie, and Marina Warner to assess arguments about the essential function of imaginative literature from infancy through adolescence. In the final unit, students will conduct their own research to place a major children's author of their choice in a relevant cultural and historical context.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
Expository Sectioning	Expository Writing 20 Sectioning
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Not Available for Cross Registration

Expository Writing 20 Section: 201

Expository Writing 20 (116353)

David Barber

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Department **Enrollment Cap:** 15

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Wizards and Wild Things**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **Once upon a time, there was no Harry Potter. Once upon a time, there was no such thing as children's literature. When and if children learned to read, they read what grown-ups read. How then did writing for children as we now know it come of age? Why does the genre have such an enduring hold on our cultural imagination, even as it continues to provoke sharp debate over its greater purpose and value? Are classic children's books like *The Wizard of Oz*, *The Wind in the Willows*, and *The Cat in the Hat* instructive or subversive, didactic or liberating? In this course we'll examine selections from three centuries**

of popular prose and verse written expressly for and about children as we investigate how this eclectic canon reflects evolving ideas about childhood, changing views about educating and enchanting young readers, and persistent disputes over what and how children should learn from books. In Unit 1 we'll survey landmark works in English for children from the Puritan through the Victorian eras, including *The New England Primer, Grimms' Tales*, and *Alice in Wonderland*, as we consider what these texts tell us about the origin and evolution of the genre. In Unit 2 we'll examine works by touchstone authors for younger readers including Mark Twain, Louisa May Alcott, Rudyard Kipling, E. B. White, C. S. Lewis, Maurice Sendak, and others, drawing on the critical perspectives of thinkers such as John Locke, Bruno Bettelheim, Alison Lurie, and Marina Warner to assess arguments about the essential function of imaginative literature from infancy through adolescence. In the final unit, students will conduct their own research to place a major children's author of their choice in a relevant cultural and historical context.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
Expository Sectioning	Expository Writing 20 Sectioning

Expository Writing 20 Section: 202

Expository Writing 20 (116353)

Jacob Betz

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Religious Pluralism**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **The United States is arguably the most religiously diverse nation in the world. Americans possess a dizzying array of religious beliefs and behavior. And despite predictions to the contrary, levels of devout religious belief remain high, evidenced by recent controversies over a proposed Islamic community center in Lower Manhattan, as well as Supreme Court rulings on female access to contraception and same-sex marriage. How do people—including nonbelievers—experience this religious multiplicity? How are these vast religious differences negotiated socially, culturally, politically, and legally? Moving beyond**

theology, this course will explore the broad concept of lived religion in the United States. Through readings in fiction, law, history, and sociology, we'll tackle these fundamental issues. In Unit One, we'll read Ayad Akhtar's 2013 Pulitzer Prize-winning play, *Disgraced*, to explore how religion affects intimate relationships among spouses, friends, and co-workers. In the second unit, we'll wade into the constitutional quandary surrounding the First Amendment, dissecting legal scholars' arguments over the limits of religious freedom. Through a series of case studies involving snake handling, home schooling, and drug use, we'll examine the frequent tension that emerges from a Bill of Rights that both guarantees the free exercise of religion and requires some degree of secularism. Finally, in Unit 3, students will focus on a religious topic of their choosing, design a research proposal, examine both primary and secondary sources, and write a substantial research paper.

Additional Course Attributes:

Attribute	Value(s)
Expository Sectioning	Expository Writing 20 Sectioning
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search

Expository Writing 20 Section: 202

Expository Writing 20 (116353)

Jacob Betz

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Department **Enrollment Cap:** 15

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Religious Pluralism**

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Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing 20 Sectioning
All: Cross Reg Availability	Not Available for Cross Registration

Expository Writing 20 Section: 203

Expository Writing 20 (116353)

Jacob Betz

2019 Fall (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Religious Pluralism**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **The United States is arguably the most religiously diverse nation in the world. Americans possess a dizzying array of religious beliefs and behavior. And despite predictions to the contrary, levels of devout religious belief remain high, evidenced by recent controversies over a proposed Islamic community center in Lower Manhattan, as well as Supreme Court rulings on female access to contraception and same-sex marriage. How do people—including nonbelievers—experience this religious multiplicity? How are these vast religious differences negotiated socially, culturally, politically, and legally? Moving beyond theology, this course will explore the broad concept of lived religion in the United States. Through readings in fiction, law, history, and sociology, we'll tackle these fundamental issues. In Unit One, we'll read Ayad Akhtar's 2013 Pulitzer Prize-winning play, *Disgraced*, to**

explore how religion affects intimate relationships among spouses, friends, and co-workers. In the second unit, we'll wade into the constitutional quandary surrounding the First Amendment, dissecting legal scholars' arguments over the limits of religious freedom. Through a series of case studies involving snake handling, home schooling, and drug use, we'll examine the frequent tension that emerges from a Bill of Rights that both guarantees the free exercise of religion and requires some degree of secularism. Finally, in Unit 3, students will focus on a religious topic of their choosing, design a research proposal, examine both primary and secondary sources, and write a substantial research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing 20 Sectioning

Expository Writing 20 Section: 203

Expository Writing 20 (116353)

Jacob Betz

2020 Spring (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Religious Pluralism**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **The United States is arguably the most religiously diverse nation in the world. Americans possess a dizzying array of religious beliefs and behavior. And despite predictions to the contrary, levels of devout religious belief remain high, evidenced by recent controversies over a proposed Islamic community center in Lower Manhattan, as well as Supreme Court rulings on female access to contraception and same-sex marriage. How do people—including nonbelievers—experience this religious multiplicity? How are these vast religious differences negotiated socially, culturally, politically, and legally? Moving beyond theology, this course will explore the broad concept of lived religion in the United States. Through readings in fiction, law, history, and sociology, we'll tackle these fundamental issues. In Unit One, we'll read Ayad Akhtar's 2013 Pulitzer Prize-winning play, *Disgraced*, to explore how religion affects intimate relationships among spouses, friends, and co-workers. In the second unit, we'll wade into the**

constitutional quandary surrounding the First Amendment, dissecting legal scholars' arguments over the limits of religious freedom. Through a series of case studies involving snake handling, home schooling, and drug use, we'll examine the frequent tension that emerges from a Bill of Rights that both guarantees the free exercise of religion and requires some degree of secularism. Finally, in Unit 3, students will focus on a religious topic of their choosing, design a research proposal, examine both primary and secondary sources, and write a substantial research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
Course Search Attributes	Display Only in Course Search
Expository Sectioning	Expository Writing 20 Sectioning
FAS Divisional Distribution	None

Expository Writing 20 Section: 204

Expository Writing 20 (116353)

Collier Brown

2019 Fall (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Wastelands**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **The impenetrable wilderness of *The Revenant*, the diseased streets of *Children of Men*, the trash heap cities of *Wall-E*—these are the wastelands that fascinate our pop culture. On the screen, they come to life as horrifying alternate universes and dead civilizations—the very fates we must avoid at all costs. And yet wastelands are not exclusively the stuff of science fiction. In this course, we will grapple with both imaginary and actual wastelands. We will begin with short stories by Jack London, Thomas King, and Octavia Butler. From the icy wilds of the Yukon to the borderlands of Native American exile, these writers question the way wastelands have been imagined, especially in North America, over the past century. Next, we will turn to real wastelands—to the garbage dumps and arid landscapes where nothing grows. We will ask what these places reveal about their inhabitants, their struggles, and their achievements. Finally, students will research a wasteland of their own choosing—anything from the mega slums of Mumbai to the sprawl of Boston's unused rooftops. Along the way, we will investigate how wastelands form and evolve,**

and how people adapt to them. Are wastelands actually the places we should avoid at all costs, or are they the places we can no longer afford to ignore?

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
Expository Sectioning	Expository Writing 20 Sectioning

Expository Writing 20 Section: 204

Expository Writing 20 (116353)

Collier Brown

2020 Spring (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: Department **Enrollment Cap:** 15

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing 20 Sectioning
Course Search Attributes	Display Only in Course Search
FAS Divisional Distribution	None

Expository Writing 20 Section: 205

Expository Writing 20 (116353)

Collier Brown

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Wastelands**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

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Expository Sectioning	Expository Writing 20 Sectioning

FAS Divisional Distribution	None

Expository Writing 20 Section: 205

Expository Writing 20 (116353)

Collier Brown

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

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Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
Expository Sectioning	Expository Writing 20 Sectioning
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration

Expository Writing 20 Section: 206

Expository Writing 20 (116353)

Willa Brown

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Whose Boston?**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: ***The "Engaged Scholarship" components of this course include multiple mandatory activities outside of regular class hours.***

Each year over three million visitors walk Boston's Freedom Trail, learning a curated story of how this country came to be. But whose story is it? This engaged scholarship course will leave the Yard in order to think about how the stories we tell shape the city we live in. In the wake of the riots in Charlottesville over the removal of a statue dedicated to Robert E. Lee, Americans are embroiled in a debate long familiar to historians: what do our monuments say about who we are? Maybe more importantly: how do those messages change the way we interact with each other? This course will explore these questions in the context of the city you have come to live in for the next four years. We will begin by critically examining the story visitors and residents learn when they walk the Freedom Trail—whose stories are told? What do those narratives say about what this city is? We will be part of the debate about what it means to be represented (or not) on the city landscape. This course will teach you to see the cityscape as a book to be read—a book whose meaning you can shape. After examining these questions, we will make our own decisions about what stories need to be told: the course will culminate in creating a digital map and our own walking tour presented to the public.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing 20 Sectioning

Expository Writing 20 Section: 206

Expository Writing 20 (116353)

Willa Brown

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Whose Boston?**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

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Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
Course Search Attributes	Display Only in Course Search
Expository Sectioning	Expository Writing 20 Sectioning

Expository Writing 20 Section: 207

Expository Writing 20 (116353)

Willa Brown

2019 Fall (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Whose Boston?**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: ***The "Engaged Scholarship" components of this course include multiple mandatory activities outside of regular class hours.***

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing 20 Sectioning
FAS Divisional Distribution	None

Expository Writing 20 Section: 207

Expository Writing 20 (116353)

Willa Brown

2020 Spring (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Whose Boston?**

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing 20 Sectioning
Course Search Attributes	Display Only in Course Search
FAS Divisional Distribution	None

Expository Writing 20 Section: 208

Expository Writing 20 (116353)

Alison Chapman

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **The Art of Shock**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **From Michelangelo's fleshly angels on the ceiling of the Sistine Chapel through to Andres Serrano's *Piss Christ* (1987), art has never shied away from representing difficult subject matter – or from courting controversy. In the twentieth century, some critics even argued that art is *only* effective when it jolts us out of our customary ways of relating**

to the world, or when it makes explicit the structures of violence and oppression that operate invisibly. This course will begin by exploring works of art and literature by Michelangelo, Edouard Manet, and Charles Baudelaire that were considered transgressive in their time but which have since been incorporated into the canon of art history. Is an artwork deemed shocking because of its own intrinsic qualities, or because of the norms and values of its viewing culture? How did these creations and their controversies shape or redirect the course of art history? In our second unit, we will study some contemporary artists who understand "shock" to be an integral part of their aesthetic projects. In looking at Damien Hirst's pickled animal installations, or Tracey Emin's own stained mattress set in the middle of the Tate Gallery, or Kara Walker's provocative 75-foot-long sphinx made out of sugar, why do these artists want their audience to feel such alarm and unease? We will consider these artworks alongside readings by feminist critics, philosophers, and art theorists who defend art even at its most outrageous extremes. Can shock motivate moral or ethical reasoning? Is shock a particularly political feeling? And why are images or representations of the body so central to this genre of art? The third unit will investigate how institutions – like museums, the media, and even universities like Harvard – play a role in either canonizing transgressive art or else fanning the flames of public outrage. Students will have the opportunity to visit the Harvard Art Museum as they work on their final, individual research papers.

Students who enroll in this Expos section will also participate in a new* How to Harvard *ungraded seminar. Please see the Writing Program's How to Harvard webpage for additional information.

Additional Course Attributes:

Attribute	Value(s)
Expository Sectioning	Expository Writing 20 Sectioning
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
Course Search Attributes	Display Only in Course Search
FAS Divisional Distribution	None

Expository Writing 20 Section: 208

Expository Writing 20 (116353)

Sarah Case

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Green Spaces, Urban Places**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing 20 Sectioning

Expository Writing 20 Section: 209

Expository Writing 20 (116353)

Matthew Cole

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Democracy in Action**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: ***Note: This Expos course requires participation in some activities outside of normal class hours.***

Winston Churchill famously quipped that "democracy is the worst form of government except for all of those other forms that have been tried from time to time." These days, it sometimes seems like democracy is just the worst. This year, Pew Research Center reported that 58% of Americans are dissatisfied with the way their democracy is working, and that around the world more citizens are dissatisfied with their democracies than are satisfied. The complaints tend to be the same: politicians are corrupt and out of touch, government is unresponsive, and elections fail to offer meaningful choices. Amidst a climate of cynicism and disillusionment, this course invites students to consider the proposal that the cure for what ails democracy is more democracy: a stronger, deeper form of democracy that gives the word's original meaning – rule by the people – a new lease on life. Throughout the semester, we will explore the theory and practice of "participatory democracy," a vision of political life that emphasizes active citizenship, public deliberation, and direct self-government. Advocates of participatory democracy insist that we can save our democracies, but that in order to do so we'll have to reinvent them by finding new ways to engage and empower citizens.

In our first unit, we will examine participatory democracy as an ideal.

Our sources will include John Dewey, the great American philosopher of democracy, as well as some of the idea's most influential contemporary proponents (one of whom will be joining us in the classroom for a special session). In our second unit, we will consider how this ideal can be brought to life through innovative forms of governance that delegate power to the people. The City of Cambridge's sixth annual Participatory Budgeting (PB) process will provide students with an opportunity to observe and, yes, participate in a real-world case study, and even to provide feedback on the process to the city. In our third unit, students will look to the future of participatory democracy by conducting independent research into challenges, best practices, and further innovations – and they'll have the opportunity to present their findings at our culminating democracy forum.

The Engaged Scholarship components of the course include two in-class sessions (September 17th, October 3rd) as well as the following out-of-class components:

· In October, students will coordinate with each other to observe aspects of the PB Process in pairs or small groups. Options for observation will be provided at the beginning of Unit 2.

· In late November or early December, students will be required to volunteer one time to assist Cambridge PB with Get out the Vote (GOTV).

· Students will be expected to contribute to planning, publicizing, and of course, presenting at our capstone event (date and time to be decided democratically).

For more information about Cambridge PB, visit: https://pb.cambridgema.gov/

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
Expository Sectioning	Expository Writing 20 Sectioning
Course Search Attributes	Display Only in Course Search

Expository Writing 20 Section: 209

Expository Writing 20 (116353)

Sarah Case

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Green Spaces, Urban Places**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing 20 Sectioning
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search

Expository Writing 20 Section: 210

Expository Writing 20 (116353)

Matthew Cole

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Democracy in Action**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: ***Note: This Expos course requires participation in some activities outside of normal class hours.***

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For more information about Cambridge PB, visit: https://pb.cambridgema.gov/

Additional Course Attributes:

Attribute	Value(s)
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
Expository Sectioning	Expository Writing 20 Sectioning

Expository Writing 20 Section: 210

Expository Writing 20 (116353)

Alison Chapman

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: Department **Enrollment Cap:** 15

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **The Art of Shock**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **From Michelangelo's fleshly angels on the ceiling of the Sistine Chapel through to Andres Serrano's *Piss Christ* (1987), art has never shied away from representing difficult subject matter – or from courting controversy. In the twentieth century, some critics even argued that art is *only* effective when it jolts us out of our customary ways of relating to the world, or when it makes explicit the structures of violence and oppression that operate invisibly. This course will begin by exploring works of art and literature by Michelangelo, Edouard Manet, and Charles Baudelaire that were considered transgressive in their time but which have since been incorporated into the canon of art history. Is an artwork deemed shocking because of its own intrinsic qualities, or because of the norms and values of its viewing culture? How did these creations and their controversies shape or redirect the course of art history? In our second unit, we will study some contemporary artists who understand "shock" to be an integral part of their aesthetic projects. In looking at Damien Hirst's pickled animal installations, or Tracey Emin's own stained mattress set in the middle of the Tate Gallery, or Kara Walker's provocative 75-foot-long sphinx made out of sugar, why do these artists want their audience to feel such alarm and unease? We will consider these artworks alongside readings by feminist critics, philosophers, and art theorists who defend art even at its most outrageous extremes. Can shock motivate moral or ethical reasoning? Is shock a particularly political feeling? And why are images or representations of the body so central to this genre of art? The third unit will investigate how institutions – like museums, the media, and even universities like Harvard – play a role in either canonizing transgressive art or else fanning the flames of public outrage. Students will have the opportunity to visit the Harvard Art Museum as they work on their final, individual research papers.**

Additional Course Attributes:

Attribute	Value(s)
Expository Sectioning	Expository Writing 20 Sectioning
Course Search Attributes	Display Only in Course Search
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration

Expository Writing 20 Section: 211

Expository Writing 20 (116353)

Matthew Cole

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **1984: Orwell's World and Ours**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **When George Orwell wrote *1984*, the year that gave the book its title and setting lay 35 years ahead. Today, it is 35 years in the past, and yet Orwell's prophecies seem more relevant than ever. In 2017, when a Trump spokesperson debuted the concept of "alternative facts" to an incredulous public, 1984 raced to the top of the best-seller charts. In 2013, the book saw a similar resurgence of popularity following revelations of a secret mass surveillance program that allowed the NSA to gather the data of American citizens. Even if you've never read the book you've probably heard – maybe even used – some of its iconic phrases: *Big Brother*, *Thought Police*, *doublethink*, *thoughtcrime*, *Newspeak*, or *2+2=5*. Orwell invented all of this because he wanted to give his readers a handle on what was happening in the world. He feared that a new species of totalitarian governments wielding new forms of power – power over the body, the mind, and perhaps even reality itself – would come to dominate and dehumanize their citizens, and he believed that only a conscious choice to prevent this would redeem the future. Much has changed since then, including the fall of the totalitarian regimes that inspired the novel, and yet it seems we still cannot put Orwell's premonitions behind us.**

In this course, we will shed light on the enduring significance of *1984* by investigating the novel from three different angles. In the first unit, we will grapple with the text itself, close-reading key passages from the novel and using them to explore the underappreciated nuances of Orwell's masterpiece. In the second unit, we will look at the text in its historical context, drawing evidence from Orwell's essays, journalism, and letters to add depth and sophistication to our analysis. In the third unit, we will consider whether and to what extent Orwell's novel still illuminates our future. Students will pursue independent research on key Orwellian themes such as authoritarianism, post-truth, and surveillance, in order to see how the arguments of contemporary scholars and thought leaders have updated Orwell's insights for the twenty-first century. During this time, the class will also collaborate on a video time capsule to transmit our own predictions, hopes, and fears to the Harvard students of the future.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing 20 Sectioning
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search

Expository Writing 20 Section: 211

Expository Writing 20 (116353)

Margaret Doherty

2019 Fall (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: Department **Enrollment Cap:** 15

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic:	**Modern Love**
Course Notes:	**Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**
Class Notes:	**"Reader, I married him." As this famous line from Charlotte Brontë's *Jane Eyre* reminds us, writers have long been preoccupied with matters of the heart. Courtship plots are everywhere, from the novels of Jane Austen to the "rom-coms" of the 1980s and 1990s to essays you can find every Sunday in the "Styles" section of the *New York Times*. For centuries, marriage was primarily an economic relationship, and love outside of marriage ended in humiliation or even death. But what happens when society expands the options for living and loving? What happens to the courtship plot when women choose not to be wives, or when people who once couldn't marry now can? When couples are as likely to meet through Tinder as they are through mutual friends? In this course, we'll explore what courtship plots can tell us about changing concepts of gender, sexuality, family, and freedom. We'll start with fiction by Edith Wharton, one of the American literature's keenest social observers (and, incidentally, one of the inspirations for the TV show *Gossip Girl*). By closely reading her accounts of love and marriage in New York's high society at the turn of the twentieth century, we'll ask what stories about eligible bachelors and old maids can tell us about a society's values and beliefs. In our second unit, we'll turn to more recent courtship plots that trouble traditional conceptions of romance, marriage, and the family. Our texts will include the story "Brokeback Mountain" (and scenes from the Oscar-winning film), short fiction from Pulitzer-prize-winner Jhumpa Lahiri, and the viral *New Yorker***

Additional Course Attributes:

Attribute	Value(s)
Course Search Attributes	Display Only in Course Search
FAS Divisional Distribution	None
Expository Sectioning	Expository Writing 20 Sectioning
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Expository Writing 20 Section: 212

Expository Writing 20 (116353)

Margaret Doherty

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the

Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic:	**Modern Love**
Course Notes:	**Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**
Class Notes:	**"Reader, I married him." As this famous line from Charlotte Brontë's *Jane Eyre* reminds us, writers have long been preoccupied with matters of the heart. Courtship plots are everywhere, from the novels of Jane Austen to the "rom-coms" of the 1980s and 1990s to essays you can find every Sunday in the "Styles" section of the *New York Times*. For centuries, marriage was primarily an economic relationship, and love outside of marriage ended in humiliation or even death. But what happens when society expands the options for living and loving? What happens to the courtship plot when women choose not to be wives, or when people who once couldn't marry now can? When couples are as likely to meet through Tinder as they are through mutual friends? In this course, we'll explore what courtship plots can tell us about changing concepts of gender, sexuality, family, and freedom. We'll start with fiction by Edith Wharton, one of the American literature's keenest social observers (and, incidentally, one of the inspirations for the TV show *Gossip Girl*). By closely reading her accounts of love and marriage in New York's high society at the turn of the twentieth century, we'll ask what stories about eligible bachelors and old maids can tell us about a society's values and beliefs. In our second unit, we'll turn to more recent courtship plots that trouble traditional conceptions of romance, marriage, and the family. Our texts will include the story "Brokeback Mountain" (and scenes from the Oscar-winning film), short fiction from Pulitzer-prize-winner Jhumpa Lahiri, and the viral *New Yorker* short story "Cat Person." Using feminist theory, queer theory, literary criticism, and recent sociologies of dating, we'll examine what new romantic possibilities—and problems—exist for couples today. Finally, in our third unit, students will pick a modern love story of their choosing—a novel, a memoir, a film—and, drawing on the work of critics and scholars, make an argument about what this story shows us about our society's sexual mores.**

Additional Course Attributes:

Attribute	Value(s)
Expository Sectioning	Expository Writing 20 Sectioning
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Not Available for Cross Registration

Expository Writing 20 Section: 212

Expository Writing 20 (116353)

Matthew Cole

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Department **Enrollment Cap:** 15

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **1984: Orwell's World and Ours**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **When George Orwell wrote *1984*, the year that gave the book its title and setting lay 35 years ahead. Today, it is 35 years in the past, and yet Orwell's prophecies seem more relevant than ever. In 2017, when a Trump spokesperson debuted the concept of "alternative facts" to an incredulous public, 1984 raced to the top of the best-seller charts. In 2013, the book saw a similar resurgence of popularity following revelations of a secret mass surveillance program that allowed the NSA to gather the data of American citizens. Even if you've never read the book you've probably heard – maybe even used – some of its iconic phrases: *Big Brother*, *Thought Police*, *doublethink*, *thoughtcrime*, *Newspeak*, or *2+2=5*. Orwell invented all of this because he wanted to give his readers a handle on what was happening in the world. He feared that a new species of totalitarian governments wielding new forms of power – power over the body, the mind, and perhaps even reality itself – would come to dominate and dehumanize their citizens, and he believed that only a conscious choice to prevent this would redeem the future. Much has changed since then, including the fall of the totalitarian regimes that inspired the novel, and yet it seems we still cannot put Orwell's premonitions behind us.**

In this course, we will shed light on the enduring significance of *1984* by investigating the novel from three different angles. In the first unit, we will grapple with the text itself, close-reading key passages from the novel and using them to explore the underappreciated nuances of Orwell's masterpiece. In the second unit, we will look at the text in its historical context, drawing evidence from Orwell's essays, journalism, and letters to add depth and sophistication to our analysis. In the third unit, we will consider whether and to what extent Orwell's novel still illuminates our future. Students will pursue independent research on key Orwellian themes such as authoritarianism, post-truth, and surveillance, in order to see how the arguments of contemporary scholars and thought leaders have updated Orwell's insights for the twenty-first century. During this time, the class will also collaborate on a video time capsule to transmit our own predictions, hopes, and fears to the Harvard students of the future.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
Expository Sectioning	Expository Writing 20 Sectioning
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Primarily for Undergraduate Students

All: Cross Reg Availability	Not Available for Cross Registration

Expository Writing 20 Section: 213

Expository Writing 20 (116353)

Janling Fu

2019 Fall (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Eating Culture**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **"Food . . . is not art. . . . A good risotto is a fine thing, but it isn't going to give you insight into other people, allow you to see the world in a new way, or force you to take inventory of your soul." So William Deresciewicz, in an opinion piece for the *New York Times*, dismisses our society's rising fascination with food over the last few decades, from the explosion of cookbooks, food blogs, and bestselling histories of cod, salt, and sugar, to the glut of cooking shows, many featuring contestants dueling in gladiatorial kitchens. Like the ancient Romans, we have become obsessed with food. But is Deresciewicz right to say that food won't give us insight into ourselves? Is it not possible that by examining what scholars and commentators call "foodways"— the various forces involved in how different cultures produce, buy, sell, and consume food—we learn much about ourselves and the world? In this course we will be guided by the maxim of famous anthropologist Claude Levi-Strauss, "food is good to think," as we contemplate various foodways from a number of illuminating perspectives. In our first unit we delve into what makes food "disgusting" or "natural." How do we categorize edible material as polluting or pure? What even counts as food in different societies? In our second unit, we explore what we can learn about food and culture by looking at successful cooking shows produced in different countries, for instance, *Top Chef*, *Iron Chef*, and *The Great British Bake Off*. What do these shows as cultural artifacts tell us about the values that are celebrated or perpetuated through food? Our third unit will consider global trends of commodities, economics, and food ethics. For this unit students will conduct a research of food practice centered in some way on Annenberg. Can we define what a dining hall does, or should do? How has the ritual and practice of dining changed over time at Harvard? Along the way, we will read classic works, from theories of food by anthropologists Mary Douglas, Jack Goody, and Michael Dietler, to ideas about food as a medium for relationships between people, including the relationships that make up a vast food economy of farms, factories, supermarkets, and our tables, as seen in the writing of novelists, essayists, and food journalists as diverse as Marcel Proust,**

David Foster Wallace, Wendell Berry, M.F. K. Fisher, and Michael Pollan.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
Expository Sectioning	Expository Writing 20 Sectioning
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Not Available for Cross Registration

Expository Writing 20 Section: 213

Expository Writing 20 (116353)

Margaret Doherty

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** 15

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Modern Love**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **"Reader, I married him." As this famous line from Charlotte Brontë's *Jane Eyre* reminds us, writers have long been preoccupied with matters of the heart. Courtship plots are everywhere, from the novels of Jane Austen to the "rom-coms" of the 1980s and 1990s to essays you can find every Sunday in the "Styles" section of the *New York Times*. For centuries, marriage was primarily an economic relationship, and love outside of marriage ended in humiliation or even death. But what happens when society expands the options for living and loving? What happens to the courtship plot when women choose not to be wives, or when people who once couldn't marry now can? When couples are as likely to meet through Tinder as they are through mutual friends? In this course, we'll explore what courtship plots can tell us about changing concepts of gender, sexuality, family, and freedom. We'll start with fiction by Edith Wharton, one of the American literature's keenest social observers (and, incidentally, one of the inspirations for the TV show *Gossip Girl*). By closely reading her accounts of love and marriage in New York's high society at the turn of the twentieth century, we'll ask what stories about eligible bachelors and old maids can tell us about a society's values and beliefs. In our second unit, we'll turn to more recent courtship plots that trouble traditional conceptions of romance, marriage, and the family. Our texts will include the story "Brokeback Mountain" (and scenes from the Oscar-winning film), short fiction from Pulitzer-prize-winner Jhumpa Lahiri, and the viral *New Yorker* short story "Cat Person." Using**

feminist theory, queer theory, literary criticism, and recent sociologies of dating, we'll examine what new romantic possibilities—and problems—exist for couples today. Finally, in our third unit, students will pick a modern love story of their choosing—a novel, a memoir, a film—and, drawing on the work of critics and scholars, make an argument about what this story shows us about our society's sexual mores.

Additional Course Attributes:

Attribute	Value(s)
Expository Sectioning	Expository Writing 20 Sectioning
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Not Available for Cross Registration

Expository Writing 20 Section: 214

Expository Writing 20 (116353)

Janling Fu

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: Department **Enrollment Cap:** 15

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Eating Culture**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **"Food . . . is not art. . . . A good risotto is a fine thing, but it isn't going to give you insight into other people, allow you to see the world in a new way, or force you to take inventory of your soul." So William Deresciewicz, in an opinion piece for the *New York Times*, dismisses our society's rising fascination with food over the last few decades, from the explosion of cookbooks, food blogs, and bestselling histories of cod, salt, and sugar, to the glut of cooking shows, many featuring contestants dueling in gladiatorial kitchens. Like the ancient Romans, we have become obsessed with food. But is Deresciewicz right to say that food won't give us insight into ourselves? Is it not possible that by examining what scholars and commentators call "foodways"— the various forces involved in how different cultures produce, buy, sell, and consume food—we learn much about ourselves and the world? In this course we will be guided by the maxim of famous anthropologist Claude Levi-Strauss, "food is good to think," as we contemplate various foodways from a number of illuminating perspectives. In our first unit we delve into what makes food "disgusting" or "natural." How do we categorize edible material as polluting or pure? What even counts as food in different societies? In our second unit, we explore**

what we can learn about food and culture by looking at successful cooking shows produced in different countries, for instance, *Top Chef*, *Iron Chef*, and *The Great British Bake Off*. What do these shows as cultural artifacts tell us about the values that are celebrated or perpetuated through food? Our third unit will consider global trends of commodities, economics, and food ethics. For this unit students will conduct a research of food practice centered in some way on Annenberg. Can we define what a dining hall does, or should do? How has the ritual and practice of dining changed over time at Harvard? Along the way, we will read classic works, from theories of food by anthropologists Mary Douglas, Jack Goody, and Michael Dietler, to ideas about food as a medium for relationships between people, including the relationships that make up a vast food economy of farms, factories, supermarkets, and our tables, as seen in the writing of novelists, essayists, and food journalists as diverse as Marcel Proust, David Foster Wallace, Wendell Berry, M.F. K. Fisher, and Michael Pollan.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
Expository Sectioning	Expository Writing 20 Sectioning
Course Search Attributes	Display Only in Course Search

Expository Writing 20 Section: 214

Expository Writing 20 (116353)

Janling Fu

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Eating Culture**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **"Food . . . is not art. . . . A good risotto is a fine thing, but it isn't going to give you insight into other people, allow you to see the world in a new way, or force you to take inventory of your soul." So William Deresciewicz, in an opinion piece for the *New York Times*, dismisses our society's rising fascination with food over the last few decades, from the explosion of cookbooks, food blogs, and bestselling histories of cod, salt, and sugar, to the glut of cooking shows, many featuring contestants dueling in gladiatorial kitchens. Like the ancient Romans, we have become obsessed with food. But is Deresciewicz right to say**

that food won't give us insight into ourselves? Is it not possible that by examining what scholars and commentators call "foodways"— the various forces involved in how different cultures produce, buy, sell, and consume food—we learn much about ourselves and the world? In this course we will be guided by the maxim of famous anthropologist Claude Levi-Strauss, "food is good to think," as we contemplate various foodways from a number of illuminating perspectives. In our first unit we delve into what makes food "disgusting" or "natural." How do we categorize edible material as polluting or pure? What even counts as food in different societies? In our second unit, we explore what we can learn about food and culture by looking at successful cooking shows produced in different countries, for instance, *Top Chef*, *Iron Chef*, and *The Great British Bake Off*. What do these shows as cultural artifacts tell us about the values that are celebrated or perpetuated through food? Our third unit will consider global trends of commodities, economics, and food ethics. For this unit students will conduct a research of food practice centered in some way on Annenberg. Can we define what a dining hall does, or should do? How has the ritual and practice of dining changed over time at Harvard? Along the way, we will read classic works, from theories of food by anthropologists Mary Douglas, Jack Goody, and Michael Dietler, to ideas about food as a medium for relationships between people, including the relationships that make up a vast food economy of farms, factories, supermarkets, and our tables, as seen in the writing of novelists, essayists, and food journalists as diverse as Marcel Proust, David Foster Wallace, Wendell Berry, M.F. K. Fisher, and Michael Pollan.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing 20 Sectioning
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search

Expository Writing 20 Section: 215

Expository Writing 20 (116353)

Janling Fu

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Eating Culture**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **"Food . . . is not art. . . . A good risotto is a fine thing, but it isn't going to give you insight into other people, allow you to see the world in a new way, or force you to take inventory of your soul." So William Deresciewicz, in an opinion piece for the *New York Times*, dismisses our society's rising fascination with food over the last few decades, from the explosion of cookbooks, food blogs, and bestselling histories of cod, salt, and sugar, to the glut of cooking shows, many featuring contestants dueling in gladiatorial kitchens. Like the ancient Romans, we have become obsessed with food. But is Deresciewicz right to say that food won't give us insight into ourselves? Is it not possible that by examining what scholars and commentators call "foodways"— the various forces involved in how different cultures produce, buy, sell, and consume food—we learn much about ourselves and the world? In this course we will be guided by the maxim of famous anthropologist Claude Levi-Strauss, "food is good to think," as we contemplate various foodways from a number of illuminating perspectives. In our first unit we delve into what makes food "disgusting" or "natural." How do we categorize edible material as polluting or pure? What even counts as food in different societies? In our second unit, we explore what we can learn about food and culture by looking at successful cooking shows produced in different countries, for instance, *Top Chef*, *Iron Chef*, and *The Great British Bake Off*. What do these shows as cultural artifacts tell us about the values that are celebrated or perpetuated through food? Our third unit will consider global trends of commodities, economics, and food ethics. For this unit students will conduct a research of food practice centered in some way on Annenberg. Can we define what a dining hall does, or should do? How has the ritual and practice of dining changed over time at Harvard? Along the way, we will read classic works, from theories of food by anthropologists Mary Douglas, Jack Goody, and Michael Dietler, to ideas about food as a medium for relationships between people, including the relationships that make up a vast food economy of farms, factories, supermarkets, and our tables, as seen in the writing of novelists, essayists, and food journalists as diverse as Marcel Proust, David Foster Wallace, Wendell Berry, M.F. K. Fisher, and Michael Pollan.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
Course Search Attributes	Display Only in Course Search
Expository Sectioning	Expository Writing 20 Sectioning

Expository Writing 20 Section: 215

Expository Writing 20 (116353)

Julia Hayden

2019 Fall (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence

through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic:	**The Psychology of Success and**
Course Notes:	**Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**
Class Notes:	**Who gets ahead in America? Why do some succeed while others fail? Given knowledge of someone's background or personal characteristics, can we predict if she will become successful? How do we account for the influence of various complex factors, including personality, family, and community? In this course, we will examine questions of success, failure, achievement, and identity viewed through the lens of current theories in psychology. We will begin by examining individual-level, person-centered theories of success with readings on grit, the growth mindset, and multipotentiality. Next, we will read Malcolm Gladwell's *Outliers: The Story of Success* alongside a longitudinal, ethnographic study of 12 American children and a seminal treatise on the role of race in the American classroom. As part of our broader inquiry into the environmental factors that impact success, we will explore how race, class, and familial wealth and resources affect children's lived experiences of childhood and, later, their chances of successfully getting into college. In the final unit of the course, students will answer the question, "What does it take to be successful at Harvard?" Students will select their own pop-science book on a self-help topic like willpower, motivation, happiness, or creativity, research the relevant academic literature, and create a written proposal with an accompanying short presentation to disseminate their findings. Throughout the course, we will use psychological theory to motivate questions and answers about human behavior in a society where the demand for success can be tantalizingly high and the fear of failure devastatingly relentless.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing 20 Sectioning
All: Cross Reg Availability	Not Available for Cross Registration

Expository Writing 20 Section: 216

Expository Writing 20 (116353)

Alexandra Gold

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** 15

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the

Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Telling Her Story: Narrative,**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **In a powerful essay, the late writer and activist Audre Lorde suggested, "Where the words of women are crying to be heard we must each of us recognize our responsibility to seek those words out, to read them and share them and examine them in their pertinence to our lives." Lorde is not alone in asking us to pay attention to and take responsibility for women's stories; for centuries scholars and activists alike have championed the words of women, including women of color and queer women, whose stories have routinely gone untold or unheard. Yet if this issue has always been pressing, the call to heed women's stories seems especially urgent at a moment when such stories have come to dominate the cultural landscape and public consciousness – from news accounts to popular shows, literature to social media. This course responds to this moment by examining how women's stories are narrated across a variety of media and exploring what impact the sharing of them can have. Our first unit will focus on short stories by contemporary women authors Roxane Gay, Carmen Maria Machado, and Jenny Zhang that raise questions about the body, family, love, and society. Our second unit then turns to television, studying Hulu's 2017 adaptation of Margaret Atwood's dystopian novel *The Handmaid's Tale* . Informed by readings in critical feminist theory, we'll consider how the show probes the troubling connections between gender, authority, power, and image. Finally, our third unit engages visual and performance art alongside movements like #MeToo and #SayHerName, offering students an opportunity to pursue independent research projects that explore the relations between art, activism, and social media.**

Additional Course Attributes:

Attribute	Value(s)
Expository Sectioning	Expository Writing 20 Sectioning
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search

Expository Writing 20 Section: 216

Expository Writing 20 (116353)

Julia Hayden

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the

Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic:	**The Psychology of Success and**
Course Notes:	**Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**
Class Notes:	**Who gets ahead in America? Why do some succeed while others fail? Given knowledge of someone's background or personal characteristics, can we predict if she will become successful? How do we account for the influence of various complex factors, including personality, family, and community? In this course, we will examine questions of success, failure, achievement, and identity viewed through the lens of current theories in psychology. We will begin by examining individual-level, person-centered theories of success with readings on grit, the growth mindset, and multipotentiality. Next, we will read Malcolm Gladwell's *Outliers: The Story of Success* alongside a longitudinal, ethnographic study of 12 American children and a seminal treatise on the role of race in the American classroom. As part of our broader inquiry into the environmental factors that impact success, we will explore how race, class, and familial wealth and resources affect children's lived experiences of childhood and, later, their chances of successfully getting into college. In the final unit of the course, students will answer the question, "What does it take to be successful at Harvard?" Students will select their own pop-science book on a self-help topic like willpower, motivation, happiness, or creativity, research the relevant academic literature, and create a written proposal with an accompanying short presentation to disseminate their findings. Throughout the course, we will use psychological theory to motivate questions and answers about human behavior in a society where the demand for success can be tantalizingly high and the fear of failure devastatingly relentless.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing 20 Sectioning
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search

Expository Writing 20 Section: 217

Expository Writing 20 (116353)

Alexandra Gold

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and

secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic:	**Telling Her Story: Narrative,**
Course Notes:	**Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**
Class Notes:	**In a powerful essay, the late writer and activist Audre Lorde suggested, "Where the words of women are crying to be heard we must each of us recognize our responsibility to seek those words out, to read them and share them and examine them in their pertinence to our lives." Lorde is not alone in asking us to pay attention to and take responsibility for women's stories; for centuries scholars and activists alike have championed the words of women, including women of color and queer women, whose stories have routinely gone untold or unheard. Yet if this issue has always been pressing, the call to heed women's stories seems especially urgent at a moment when such stories have come to dominate the cultural landscape and public consciousness – from news accounts to popular shows, literature to social media. This course responds to this moment by examining how women's stories are narrated across a variety of media and exploring what impact the sharing of them can have. Our first unit will focus on short stories by contemporary women authors Roxane Gay, Carmen Maria Machado, and Jenny Zhang that raise questions about the body, family, love, and society. Our second unit then turns to television, studying Hulu's 2017 adaptation of Margaret Atwood's dystopian novel *The Handmaid's Tale* . Informed by readings in critical feminist theory, we'll consider how the show probes the troubling connections between gender, authority, power, and image. Finally, our third unit engages visual and performance art alongside movements like #MeToo and #SayHerName, offering students an opportunity to pursue independent research projects that explore the relations between art, activism, and social media.**

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FAS: Course Level	Primarily for Undergraduate Students
Course Search Attributes	Display Only in Course Search
Expository Sectioning	Expository Writing 20 Sectioning
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Expository Writing 20 Section: 217

Expository Writing 20 (116353)

Alexandra Gold

2019 Fall (4 Credits)		**Schedule:**	TR 1030 AM - 1145 AM
Instructor Permissions:	Department	**Enrollment Cap:**	14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and

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Students who enroll in this Expos section will also participate in a new* How to Harvard *ungraded seminar. Please see the Writing Program's How to Harvard webpage for additional information.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
Course Search Attributes	Display Only in Course Search
Expository Sectioning	Expository Writing 20 Sectioning
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Expository Writing 20 Section: 218

Expository Writing 20 (116353)

Martin Greenup

2020 Spring (4 Credits)		**Schedule:**	MW 0900 AM - 1015 AM
Instructor Permissions:	Department	**Enrollment Cap:**	15

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic:	**Humans, Nature, and the Enviro**
Course Notes:	**Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**
Class Notes:	**Deforestation, overpopulation, pesticide use, toxic oceans, endangered species, global warming. How are we to make sense of the many environmental problems facing the Earth today? Although the sciences provide a factual account of environmental threats and ways of countering them, scientific facts seem not to be enough, since artists, writers, filmmakers, and even scientists find themselves turning again and again to their imaginations to respond to the environmental predicaments of industrial society. They may be doing what English Romantic poet Percy Shelley powerfully described 200 years ago as an essentially human and creative impulse: "to imagine that which we know." How, then, have creative minds imagined – in essays, books, and movies – the very idea of nature, the place of humans in it, and their power to change the environment? In this course, we will consider both the possibilities and the problems that writers and filmmakers have imagined about human interactions with the natural world. We begin with the nineteenth century, when Romantic writers were urgently contemplating the meaning of nature in an age of increasing industrialization. In the first unit we interpret "Walking" (1862), the naturalist Henry David Thoreau's seminal nature essay that imaginatively explores the concept of wildness. In the second unit we will critically compare the literary approaches of two popular books by scientists – Rachel Carson's *Silent Spring* (1962), and James Lovelock's *The Revenge of Gaia* (2006). Through shocking critiques that draw upon the power of the imagination, both writers, in different ways, have tried to inform the public of the harm being done to nature in the hope that this harm can be averted. And in the final unit we will examine the techniques of documentary movies about relationships between humans and animals – Werner Herzog's *Grizzly Man* (2005) in which the filmmaker takes issue with the self-proclaimed environmentalist Timothy Treadwell who strove to protect bears in the Alaskan wilderness, and Gabriela Cowperthwaite's *Blackfish* (2013) in which she delivers a brilliant polemic against the Sea World corporation and its treatment of captive killer whales.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing 20 Sectioning
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Course Search Attributes	Display Only in Course Search

Expository Writing 20 Section: 218

Expository Writing 20 (116353)

Alexandra Gold

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Telling Her Story: Narrative,**

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Additional Course Attributes:

Attribute	Value(s)
Course Search Attributes	Display Only in Course Search
FAS Divisional Distribution	None
Expository Sectioning	Expository Writing 20 Sectioning
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Expository Writing 20 Section: 219

Expository Writing 20 (116353)

Martin Greenup

2020 Spring (4 Credits)		**Schedule:**	MW 1030 AM - 1145 AM
Instructor Permissions:	Department	**Enrollment Cap:**	14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic:	**Humans, Nature, and the Enviro**
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Class Notes:	**Deforestation, overpopulation, pesticide use, toxic oceans, endangered species, global warming. How are we to make sense of the many environmental problems facing the Earth today? Although the sciences provide a factual account of environmental threats and ways of countering them, scientific facts seem not to be enough, since artists, writers, filmmakers, and even scientists find themselves turning again and again to their imaginations to respond to the environmental predicaments of industrial society. They may be doing what English Romantic poet Percy Shelley powerfully described 200 years ago as an essentially human and creative impulse: "to imagine that which we know." How, then, have creative minds imagined – in essays, books, and movies – the very idea of nature, the place of humans in it, and their power to change the environment? In this course, we will consider both the possibilities and the problems that writers and filmmakers have imagined about human interactions with the natural world. We begin with the nineteenth century, when Romantic writers were urgently contemplating the meaning of nature in an age of increasing industrialization. In the first unit we interpret "Walking" (1862), the naturalist Henry David Thoreau's seminal nature essay that imaginatively explores the concept of wildness. In the second unit we will critically compare the literary approaches of two popular books by scientists – Rachel Carson's *Silent Spring* (1962), and James Lovelock's *The Revenge of Gaia* (2006). Through shocking critiques that draw upon the power of the imagination, both writers, in different ways, have tried to inform the public of the harm being done to nature in the hope that this harm can be averted. And in the final unit we will examine the techniques of documentary movies about relationships between humans and animals – Werner Herzog's *Grizzly Man* (2005) in which the filmmaker takes issue with the self-proclaimed environmentalist Timothy Treadwell who strove to protect bears in the Alaskan wilderness, and Gabriela Cowperthwaite's *Blackfish* (2013) in which she delivers a brilliant polemic against the Sea World corporation and its treatment of captive killer whales.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
Course Search Attributes	Display Only in Course Search
FAS Divisional Distribution	None
Expository Sectioning	Expository Writing 20 Sectioning

Expository Writing 20 Section: 219

Expository Writing 20 (116353)

Martin Greenup

2019 Fall (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
Expository Sectioning	Expository Writing 20 Sectioning
FAS: Course Level	Primarily for Undergraduate Students
Course Search Attributes	Display Only in Course Search

Expository Writing 20 Section: 220

Expository Writing 20 (116353)

James Herron

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Department **Enrollment Cap:** 12

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Class and Culture**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **It is commonplace to note that in the United States many people identify as "middle class" even though our society is marked by deep, persistent, and increasing class inequality. Such self-identification, however, can obscure the complex and often contradictory ways in which we experience social class in our everyday lives. This course explores the cultural dimensions of social class in the U.S. from an ethnographic perspective, focusing on the everyday lives and cultures of ordinary Americans. We will consider questions such as the following. What is it like to be a working class person in a society heavily invested in ideas of individual advancement and meritocracy? How do professionals (the "upper-middle" class) define themselves and how do they view those above and below them in the class structure? What role does elite education play in the creation and reproduction of class inequality? How does social class shape people's values, political views, and tastes? In our first unit we will compare two important ethnographic studies of working class Americans — Michèle Lamont's classic *The Dignity of Working Men* and Jennifer Silva's more recent *Coming Up Short* — in order to gain some understanding of how working class people have responded to the relative decline in their living standards over the past 20 years. In**

the second unit we will read selections from Armstrong and Hamilton's *Paying for the Party* in order to analyze the role of higher education in shaping the class trajectories of students from working-, middle-, and upper-class backgrounds. For the third unit students will devise their own research project concerning the roles and self-conceptions of elites. For inspiration, we'll read selections of Shamus Khan's Privilege, which examines life at an elite New England boarding school, and Karen Ho's Liquidated, which analyzes the ideologies and identities of Wall Street financiers.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Not Available for Cross Registration
Expository Sectioning	Expository Writing 20 Sectioning
FAS: Course Level	Primarily for Undergraduate Students

Expository Writing 20 Section: 220

Expository Writing 20 (116353)

Martin Greenup

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing 20 Sectioning
Course Search Attributes	Display Only in Course Search

Expository Writing 20 Section: 221

Expository Writing 20 (116353)

James Herron

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Department **Enrollment Cap:** 12

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

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Additional Course Attributes:

Attribute	Value(s)
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
Expository Sectioning	Expository Writing 20 Sectioning

Expository Writing 20 Section: 221

Expository Writing 20 (116353)

Richard Martin

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Culture in Play**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **Common phrases such as "I was just playing" or "it's only a game" suggest that play is less than serious. Play is often associated with childhood and distinct from the productivity of work. Yet, even for adults, such activities often entail considerable commitments, including substantial expenditures of time and money: the average gamer spends over seven hours a week on video games; baseball player Mike Trout recently signed a $430 million contract. Likewise,**

play has been shown to have real-world effects: studies have suggested Barbie dolls affect body image, and that the television show *Sesame Street* impacts educational achievement. Thus, despite common assumptions about its frivolity, play is of social, economic, political, and symbolic import. In this course, we explore what forms of play reveal about the cultures and peoples who take part in them, analyzing how everyday practices involving toys, games, and sports might illuminate broader social phenomena. First, we take inspiration from Roland Barthes's insight that toys are "meant to create users, not creators." We infer the cultural significance of objects from our own childhoods using anthropological methods of "thick description," a form of interpretation attentive to context and meaning. Next, we turn to play on Harvard's campus. Students choose an extracurricular activity and examine it using social scientific techniques; drawing on this data, they advance arguments that apply or test theories advanced by influential scholars, such as Theodor Adorno and D.W. Winnicott. Finally, students turn to independently chosen topics, selecting issues of national significance and conducting research in order to make original contributions to scholarship. Sample topics might include gender and sports, the politics of video games, the marketing of toys, recess in schools, fandom, virtual realities, and live action role play.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
Expository Sectioning	Expository Writing 20 Sectioning
Course Search Attributes	Display Only in Course Search
FAS Divisional Distribution	None

Expository Writing 20 Section: 222

Expository Writing 20 (116353)

Richard Martin

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: Department **Enrollment Cap:** 14

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Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **Common phrases such as "I was just playing" or "it's only a game" suggest that play is less than serious. Play is often associated with childhood and distinct from the productivity of work. Yet, even for adults, such activities often entail considerable commitments, including substantial expenditures of time and money: the average**

gamer spends over seven hours a week on video games; baseball player Mike Trout recently signed a $430 million contract. Likewise, play has been shown to have real-world effects: studies have suggested Barbie dolls affect body image, and that the television show *Sesame Street* impacts educational achievement. Thus, despite common assumptions about its frivolity, play is of social, economic, political, and symbolic import. In this course, we explore what forms of play reveal about the cultures and peoples who take part in them, analyzing how everyday practices involving toys, games, and sports might illuminate broader social phenomena. First, we take inspiration from Roland Barthes's insight that toys are "meant to create users, not creators." We infer the cultural significance of objects from our own childhoods using anthropological methods of "thick description," a form of interpretation attentive to context and meaning. Next, we turn to play on Harvard's campus. Students choose an extracurricular activity and examine it using social scientific techniques; drawing on this data, they advance arguments that apply or test theories advanced by influential scholars, such as Theodor Adorno and D.W. Winnicott. Finally, students turn to independently chosen topics, selecting issues of national significance and conducting research in order to make original contributions to scholarship. Sample topics might include gender and sports, the politics of video games, the marketing of toys, recess in schools, fandom, virtual realities, and live action role play.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing 20 Sectioning
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search

Expository Writing 20 Section: 222

Expository Writing 20 (116353)

Richard Martin

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Department **Enrollment Cap:** 15

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Society and the Witch**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **Riding broomsticks and dancing in the woods at night, witches are often imagined to be outside society. But in these representations may be keys to understanding social norms, norms that get articulated**

through the witch's very violation of them. In this seminar, we ask what discourses about witches tell us about the societies that produce them. We begin by examining anthropologists' depictions of witchcraft among people who come to find magic believable: how do we understand the seemingly irrational idea that magic is real? Closely considering evidence from classic ethnographic accounts, we critically examine other scholars' answers to questions such as this one by thinking across competing approaches to the study of magic. Next, we analyze the film *Harry Potter and the Chamber of Secrets* and the television sitcom *Bewitched*, bringing these pop-cultural phenomena into conversation with Mary Douglas's treatise on *Purity and Danger*, Pierre Bourdieu's critique of *Masculine Domination*, and Umberto Eco's ruminations on interpreting serials. For the research paper, each student chooses an example of witchcraft on which to conduct independent research. Sample topics include postmodern fairy tales like *Frozen* and *Maleficent*, Broadway musicals like *Into the Woods* and *Wicked*, historical witch-hunts and contemporary occult practices. What unites our diverse inquiries is a common interest in the social significance of this seemingly marginal figure: the witch.

Additional Course Attributes:

Attribute	Value(s)
Expository Sectioning	Expository Writing 20 Sectioning
FAS: Course Level	Primarily for Undergraduate Students
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Expository Writing 20 Section: 223

Expository Writing 20 (116353)

Richard Martin

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

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Students who enroll in this Expos section will also participate in a new* How to Harvard *ungraded seminar. Please see the Writing Program's How to Harvard webpage for additional information.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
Expository Sectioning	Expository Writing 20 Sectioning
Course Search Attributes	Display Only in Course Search

Expository Writing 20 Section: 223

Expository Writing 20 (116353)

Rachel Meyer

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: Department **Enrollment Cap:** 15

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Work: Culture, Power, and Cont**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **This course explores the structure and experience of work in the contemporary political economy with an eye toward both its liberating and oppressive potential. We will take up enduring sociological questions with respect to power, control, autonomy, surveillance and**

self-determination on the job. How do different forms of work affect our life circumstances, personalities, and connections to each other? In the first unit we will examine corporate culture and how it affects the experience of professional work. Does a strong corporate culture enhance professional autonomy or management's power? Does it facilitate or undermine community? In unit two we explore the crucial issue of workers' control over their own labor and the concept of alienation. We examine accounts of deskilling, the separation of mental and manual labor, and the consequences of these processes for workers' experience on the job. To what extent does alienation occur in offices versus factories versus service counters? For the final unit we will critically engage in a debate about the development of "flexible" labor and the ways in which workers' connections to employers, occupations, and locations have become more fluid and transitory. We will explore what flexibility means in a variety of contexts and ask: does flexibility lead to liberation or loss of identity? Does it bring self-fulfillment or insecurity? What does flexibility mean for tech workers in Silicon Valley and bankers on Wall Street? Our texts consist of case studies and ethnographic accounts representing a variety of workplaces along with readings from prominent social theorists who in different ways seek to elucidate the conditions of work under modern capitalism.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing 20 Sectioning

Expository Writing 20 Section: 224

Expository Writing 20 (116353)

Rachel Meyer

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: Department **Enrollment Cap:** 15

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
Expository Sectioning	Expository Writing 20 Sectioning
FAS: Course Level	Primarily for Undergraduate Students

Expository Writing 20 Section: 224

Expository Writing 20 (116353)

Lindsay Mitchell

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Department **Enrollment Cap:** 15

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **The Femme Fatale**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **The femme fatale—the attractive, seductive woman who brings about the downfall of men—has fascinated us through the ages, from Biblical figures like Eve and Delilah, to historical women such as Cleopatra and Wallis Simpson, to the media personas of modern pop stars like Cardi**

B and Miley Cyrus. In the classic femme fatale narrative, the woman's dangerous actions empower her, but she also must submit to the fact that her empowerment renders her a villain. Might this contradiction in the femme fatale's character reflect tensions in our own evolving understanding of gender? How can the femme fatale character help us untangle the real-world gender problems that modern women and men face?

This course will begin to explore these and other related questions by studying accounts of femme fatales in literature and film. In our first unit, we'll explore 1920s and 1930s pulp fiction as a source of the modern fatale archetype, with special focus on James M. Cain's noir novella *Double Indemnity*. In our second unit, we'll move forward to the post-feminist movement 1990s and examine two films featuring teenage femme fatales, comparing Gil Junger's *Ten Things I Hate About You* to Alexander Payne's *Election*, both released in 1999. Finally, in our third unit, students will research a modern-day femme fatale, either real or fictional, and argue why the modern version is recognizable as a femme fatale, but also represents some evolution of, or twist on, the classic archetype. Here students will be challenged not only to apply broad theories and ideas from the course, but also to reach a greater understanding of why some modern women seem so dangerous.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
Course Search Attributes	Display Only in Course Search
FAS Divisional Distribution	None
Expository Sectioning	Expository Writing 20 Sectioning

Expository Writing 20 Section: 225

Expository Writing 20 (116353)

Lindsay Mitchell

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **The Femme Fatale**

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Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
Expository Sectioning	Expository Writing 20 Sectioning
All: Cross Reg Availability	Not Available for Cross Registration
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Primarily for Undergraduate Students

Expository Writing 20 Section: 225

Expository Writing 20 (116353)

Lindsay Mitchell

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

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Additional Course Attributes:

Attribute	Value(s)
Expository Sectioning	Expository Writing 20 Sectioning
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Expository Writing 20 Section: 226

Expository Writing 20 (116353)

Shannon Monaghan

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** 15

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **"Noncombatants": The Home Fron**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **While it is perceived today as one of the greatest aberrations in human society, warfare has also been one of the most common experiences in human history. Yet popular conceptions of the history of warfare are often limited to the myth of completely separated soldiers and**

civilians. This has not, historically, been so: there is a reason that we call the "home front" a *front*. We begin by looking at the idea of "total war" within the context of several modern case studies. We will question and examine the roles of women and children, as agents and as targets, in these conflicts. We then move to thinking about the memory and meaning of war through the art and memoirs of the great German printmaker and sculptor Käthe Kollwitz and the intellectual polymath (and French Resistance member) Marguerite Duras. What do the histories and stories that we tell about war, about resistance and about patriotism, particularly stories told by those *not* in uniform, add to the national and cultural understanding of a conflict? In the final unit, students will choose their own historical research subject from a variety of options. They might investigate conflicts and wars ranging from the recent (the "forever wars" of Iraq and Afghanistan) to the nineteenth century (the U.S. Civil War); from the modern and industrial (the Second World War) to the guerrilla, civil, and anti-imperial (the Spanish Civil War and the Algerian War of Independence). Further research options include different types of participants in conflict (from forcibly recruited child soldiers to anti-war activism) and different ways to pressure an enemy (food policy and blockade). Students will analyze the conflict in their chosen subject through the lens of the unexpected agent in modern warfare: the woman and/or the child. Throughout the course, we will ask what it means to be a "soldier" or a "civilian" in modern conflict, pondering the nature of the distinction.

Additional Course Attributes:

Attribute	Value(s)
Expository Sectioning	Expository Writing 20 Sectioning
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Primarily for Undergraduate Students

Expository Writing 20 Section: 226

Expository Writing 20 (116353)

Lindsay Mitchell

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

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Students who enroll in this Expos section will also participate in a new* How to Harvard *ungraded seminar. Please see the Writing Program's How to Harvard webpage for additional information.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing 20 Sectioning
All: Cross Reg Availability	Not Available for Cross Registration

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Expository Writing 20 Section: 227

Expository Writing 20 (116353)

Shannon Monaghan

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed

evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **"Noncombatants": The Home Fron**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **While it is perceived today as one of the greatest aberrations in human society, warfare has also been one of the most common experiences in human history. Yet popular conceptions of the history of warfare are often limited to the myth of completely separated soldiers and civilians. This has not, historically, been so: there is a reason that we call the "home front" a *front*. We begin by looking at the idea of "total war" within the context of several modern case studies. We will question and examine the roles of women and children, as agents and as targets, in these conflicts. We then move to thinking about the memory and meaning of war through the art and memoirs of the great German printmaker and sculptor Käthe Kollwitz and the intellectual polymath (and French Resistance member) Marguerite Duras. What do the histories and stories that we tell about war, about resistance and about patriotism, particularly stories told by those *not***

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
Expository Sectioning	Expository Writing 20 Sectioning
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Expository Writing 20 Section: 227

Expository Writing 20 (116353)

Shannon Monaghan

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

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Additional Course Attributes:

Attribute	Value(s)
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
Expository Sectioning	Expository Writing 20 Sectioning

Expository Writing 20 Section: 228

Expository Writing 20 (116353)

Shannon Monaghan

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **"Noncombatants": The Home Fron**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **While it is perceived today as one of the greatest aberrations in human society, warfare has also been one of the most common experiences in human history. Yet popular conceptions of the history of warfare are**

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Students who enroll in this Expos section will also participate in a new* How to Harvard *ungraded seminar. Please see the Writing Program's How to Harvard webpage for additional information.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
Expository Sectioning	Expository Writing 20 Sectioning
FAS: Course Level	Primarily for Undergraduate Students
Course Search Attributes	Display Only in Course Search
FAS Divisional Distribution	None

Expository Writing 20 Section: 228

Expository Writing 20 (116353)

Emilie Raymer

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Department **Enrollment Cap:** 15

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and

secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic:	**Genetics and Bioethics**
Course Notes:	**Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**
Class Notes:	**When researchers at the National Institutes of Health announced in June 2000 that they had successfully sequenced the human genome, President Bill Clinton asserted that "with this profound new knowledge, mankind is on the verge of gaining immense, new power to heal." Since 2000, scientists have developed DNA-risk tests, stem-cell therapies, and precise gene-editing techniques. Yet, despite the potential benefits of these breakthroughs, some have expressed concerns about the bioethical consequences of these new technologies. Critics have voiced fears that scientists are "playing God" and have expressed apprehensions that those who can afford new gene-editing technologies may produce "designer babies" while those who cannot will continue to suffer from heritable diseases. In this course, we will explore how to balance the medical advantages of genetic technologies with their potential disadvantages. For the first essay, we will analyze "The Case Against Perfection" by Harvard political philosopher Michael Sandel, who emphasizes the dangers of genetic enhancements. For the second essay, we will explore claims that new genetic techniques could create a contemporary eugenics movement. For the third and final essay, students will examine both the positive and negative consequences of a genetic technology of their choice and decide how to establish bioethical guidelines to direct its use. Possible topics could include human germline editing, pharmacogenomics, stem-cell therapy, cosmetic enhancements, cloning, or CRISPR-CaS, a new gene-editing technique. The course will culminate with a capstone project, and students will prepare a short talk about the social and biomedical ramifications of a selected genetic technology.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
Course Search Attributes	Display Only in Course Search
Expository Sectioning	Expository Writing 20 Sectioning

Expository Writing 20 Section: 229

Expository Writing 20 (116353)

Emilie Raymer

2019 Fall (4 Credits)		**Schedule:**	TR 0130 PM - 0245 PM
Instructor Permissions:	Department	**Enrollment Cap:**	14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the

Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic:	**Genetics and Bioethics**
Course Notes:	**Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**
Class Notes:	**When researchers at the National Institutes of Health announced in June 2000 that they had successfully sequenced the human genome, President Bill Clinton asserted that "with this profound new knowledge, mankind is on the verge of gaining immense, new power to heal." Since 2000, scientists have developed DNA-risk tests, stem-cell therapies, and precise gene-editing techniques. Yet, despite the potential benefits of these breakthroughs, some have expressed concerns about the bioethical consequences of these new technologies. Critics have voiced fears that scientists are "playing God" and have expressed apprehensions that those who can afford new gene-editing technologies may produce "designer babies" while those who cannot will continue to suffer from heritable diseases. In this course, we will explore how to balance the medical advantages of genetic technologies with their potential disadvantages. For the first essay, we will analyze "The Case Against Perfection" by Harvard political philosopher Michael Sandel, who emphasizes the dangers of genetic enhancements. For the second essay, we will explore claims that new genetic techniques could create a contemporary eugenics movement. For the third and final essay, students will examine both the positive and negative consequences of a genetic technology of their choice and decide how to establish bioethical guidelines to direct its use. Possible topics could include human germline editing, pharmacogenomics, stem-cell therapy, cosmetic enhancements, cloning, or CRISPR-CaS, a new gene-editing technique. The course will culminate with a capstone project, and students will prepare a short talk about the social and biomedical ramifications of a selected genetic technology.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Not Available for Cross Registration
Expository Sectioning	Expository Writing 20 Sectioning
FAS Divisional Distribution	None

Expository Writing 20 Section: 229

Expository Writing 20 (116353)

Emilie Raymer

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence

through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic:	**Genetics and Bioethics**
Course Notes:	**Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**
Class Notes:	**When researchers at the National Institutes of Health announced in June 2000 that they had successfully sequenced the human genome, President Bill Clinton asserted that "with this profound new knowledge, mankind is on the verge of gaining immense, new power to heal." Since 2000, scientists have developed DNA-risk tests, stem-cell therapies, and precise gene-editing techniques. Yet, despite the potential benefits of these breakthroughs, some have expressed concerns about the bioethical consequences of these new technologies. Critics have voiced fears that scientists are "playing God" and have expressed apprehensions that those who can afford new gene-editing technologies may produce "designer babies" while those who cannot will continue to suffer from heritable diseases. In this course, we will explore how to balance the medical advantages of genetic technologies with their potential disadvantages. For the first essay, we will analyze "The Case Against Perfection" by Harvard political philosopher Michael Sandel, who emphasizes the dangers of genetic enhancements. For the second essay, we will explore claims that new genetic techniques could create a contemporary eugenics movement. For the third and final essay, students will examine both the positive and negative consequences of a genetic technology of their choice and decide how to establish bioethical guidelines to direct its use. Possible topics could include human germline editing, pharmacogenomics, stem-cell therapy, cosmetic enhancements, cloning, or CRISPR-CaS, a new gene-editing technique. The course will culminate with a capstone project, and students will prepare a short talk about the social and biomedical ramifications of a selected genetic technology.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
Expository Sectioning	Expository Writing 20 Sectioning

Expository Writing 20 Section: 230

Expository Writing 20 (116353)

Emilie Raymer

2019 Fall (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic:	**Genetics and Bioethics**
Course Notes:	**Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**
Class Notes:	**When researchers at the National Institutes of Health announced in June 2000 that they had successfully sequenced the human genome, President Bill Clinton asserted that "with this profound new knowledge, mankind is on the verge of gaining immense, new power to heal." Since 2000, scientists have developed DNA-risk tests, stem-cell therapies, and precise gene-editing techniques. Yet, despite the potential benefits of these breakthroughs, some have expressed concerns about the bioethical consequences of these new technologies. Critics have voiced fears that scientists are "playing God" and have expressed apprehensions that those who can afford new gene-editing technologies may produce "designer babies" while those who cannot will continue to suffer from heritable diseases. In this course, we will explore how to balance the medical advantages of genetic technologies with their potential disadvantages. For the first essay, we will analyze "The Case Against Perfection" by Harvard political philosopher Michael Sandel, who emphasizes the dangers of genetic enhancements. For the second essay, we will explore claims that new genetic techniques could create a contemporary eugenics movement. For the third and final essay, students will examine both the positive and negative consequences of a genetic technology of their choice and decide how to establish bioethical guidelines to direct its use. Possible topics could include human germline editing, pharmacogenomics, stem-cell therapy, cosmetic enhancements, cloning, or CRISPR-CaS, a new gene-editing technique. The course will culminate with a capstone project, and students will prepare a short talk about the social and biomedical ramifications of a selected genetic technology.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
Course Search Attributes	Display Only in Course Search
Expository Sectioning	Expository Writing 20 Sectioning
FAS Divisional Distribution	None

Expository Writing 20 Section: 231

Expository Writing 20 (116353)

Margaret Rennix

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Narrating Immigration**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: ***Note: This Expos course requires participation in some activities outside of normal class hours.***

Immigration has become a divisive topic in the U.S., as thousands of people fleeing violence and poverty in Central America arrive at the southern border each year. While conversations about immigration tend to focus on its economic, cultural, and political implications, the lived experiences of immigrants can get lost in the shuffle. Who are the people coming to the U.S. border? What has motivated their journeys? Once they arrive, what happens to them? Which of their experiences make it into the national conversation around immigration, and which are ignored? In this course, students will try to answer these questions, combining both standard academic inquiry with exploratory community engagement. Course participants will have the opportunity to meet with and pose questions to lawyers from the Harvard Law School Immigration Clinic, as well as representatives from the Dilley Pro Bono Project, who provide legal services to asylum seekers at the U.S. family detention center in Dilley, Texas. They will also exit the gates of Harvard to attend immigration court proceedings, visit local immigrant neighborhoods, and talk with activists about their hopes and frustrations regarding immigration reform. These experiences will then inform students' academic writing, which will culminate in a research paper that seeks to bring national attention to some of the overlooked realities of the immigration system course participants have encountered.

In Unit 1, we will start by looking at concepts of nationhood and community, asking students to critique arguments for and against open borders, focusing on the libertarian, utilitarian argument made in favor of them by economist Bryan Caplan. In Unit 2, we will turn to the self-articulated experiences of immigrants to the United States, putting narratives of asylum seekers in conversation with former Attorney General Jeff Sessions's definition of persecution in The Matter of A-B-. Finally, in Unit 3 students will write a research paper in which they synthesize their learning throughout the semester, contributing directly to the national conversation surrounding immigration, with the goal of submitting their work for potential publication. They will write this paper in conjunction with creating a capstone project: a two-minute, self-reflective video produced for the class's community partners.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Expository Sectioning	Expository Writing 20 Sectioning
Course Search Attributes	Display Only in Course Search

Expository Writing 20 Section: 232

Expository Writing 20 (116353)

Margaret Rennix

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Narrating Immigration**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: ***Note: This Expos course requires participation in some activities outside of normal class hours.***

Immigration has become a divisive topic in the U.S., as thousands of people fleeing violence and poverty in Central America arrive at the southern border each year. While conversations about immigration tend to focus on its economic, cultural, and political implications, the lived experiences of immigrants can get lost in the shuffle. Who are the people coming to the U.S. border? What has motivated their journeys? Once they arrive, what happens to them? Which of their experiences make it into the national conversation around immigration, and which are ignored? In this course, students will try to answer these questions, combining both standard academic inquiry with exploratory community engagement. Course participants will have the opportunity to meet with and pose questions to lawyers from the Harvard Law School Immigration Clinic, as well as representatives from the Dilley Pro Bono Project, who provide legal services to asylum seekers at the U.S. family detention center in Dilley, Texas. They will also exit the gates of Harvard to attend immigration court proceedings, visit local immigrant neighborhoods, and talk with activists about their hopes and frustrations regarding immigration reform. These experiences will then inform students' academic writing, which will culminate in a research paper that seeks to bring national attention to some of the overlooked realities of the immigration system course participants have encountered.

In Unit 1, we will start by looking at concepts of nationhood and community, asking students to critique arguments for and against open borders, focusing on the libertarian, utilitarian argument made in favor of them by economist Bryan Caplan. In Unit 2, we will turn to the self-articulated experiences of immigrants to the United States, putting narratives of asylum seekers in conversation with former Attorney General Jeff Sessions's definition of persecution in The Matter of A-B-. Finally, in Unit 3 students will write a research paper in which they synthesize their learning throughout the semester, contributing

directly to the national conversation surrounding immigration, with the goal of submitting their work for potential publication. They will write this paper in conjunction with creating a capstone project: a two-minute, self-reflective video produced for the class's community partners.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
Expository Sectioning	Expository Writing 20 Sectioning
Course Search Attributes	Display Only in Course Search
FAS Divisional Distribution	None

Expository Writing 20 Section: 232

Expository Writing 20 (116353)

Kip Richardson

2020 Spring (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: Department **Enrollment Cap:** 15

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Laugh Riots**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **We are living in an apparent golden age of humor. Judging solely by the number of viral comedians, late-night shows, humor books, parody websites, and meme generators, the genre is thriving. Yet critics, both liberal and conservative, have raised substantive concerns about this explosion of political and social satirical content, questioning its corrosiveness, its persuasive efficacy, even its ability to truly hold powerful interests accountable. Indeed, some have begun to doubt the potency of political satire at all, victim to the surreality and self-parody of modern political life. This course will ask students to weigh in on these questions about the value and viability of social and political humor. In Unit 1, students will consider when, if ever, do jokes go "too far"? Using the global controversy over the satirical caricatures of the Prophet Muhammad drawn by Western cartoonists, students will think critically about whether offensive humor serves or undermines the greater social good. In Unit 2, we turn to the burgeoning world of political satire television, most notably *The Daily Show* but also its many imitators. Such shows have been routinely lauded by commentators as a pillar of civics education, but there are reasons to doubt such rosy estimations. Using both theoretical and empirical sources, students will ask whether such shows really do inform and engage the public, or whether instead they oversimplify and encourage**

apathy toward the political sphere. Finally, in Unit 3, students will be tasked with exploring the social worlds created by various humor practices, examining either how a historical case study of humor reflects its cultural zeitgeist (e.g., anti-Chinese immigration satire from the 1880s) or surveying the social scientific research on a specific issue within contemporary humor studies (e.g., how sexist humor affects the workplace).

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
Expository Sectioning	Expository Writing 20 Sectioning

Expository Writing 20 Section: 233

Expository Writing 20 (116353)

Ramyar Rossoukh

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: Department **Enrollment Cap:** 15

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Journey to Mars**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **Evoking President Kennedy's famous speech to put a man on the moon by the end of the 1960s, on October 11, 2016, President Obama called for the United States to launch humans to Mars by 2030 and to one day settle there. The quest to achieve this goal has dominated recent headlines from NASA's landing of the Curiosity Rover to Hollywood's renewed fascination with the red planet. Mars has become the next great frontier in human conquest and exploration. Why Mars? What is at stake in our efforts to reach Mars? What does it say about life here on Earth? Over the semester, we will look at a range of scholarly literature on Mars as well as films, science fiction, and virtual reality simulations to examine some possible futures in which humans have colonized outer space and become a multi-planetary species. Our launch will be a close analysis of the film *The Martian* to discover key themes and topics in media representations of Mars. We will next chart a path through Ray Bradbury's *The Martian Chronicles* to explore connections between science, technology, and art in our imagination of human life and the experience of difference on Mars. The course will conclude with a broader inquiry of Mars as the next frontier of human entrepreneurship that critically engages with the science and ethics of**

proposed future Mars missions (Mars One, SpaceX, UAE's Mars 2117, among others). Students will write a final research paper on a topic of their choice that builds on course readings, activities, and discussion.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
Expository Sectioning	Expository Writing 20 Sectioning
FAS: Course Level	Primarily for Undergraduate Students
Course Search Attributes	Display Only in Course Search

Expository Writing 20 Section: 233

Expository Writing 20 (116353)

Ramyar Rossoukh

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Journey to Mars**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **Evoking President Kennedy's famous speech to put a man on the moon by the end of the 1960s, on October 11, 2016, President Obama called for the United States to launch humans to Mars by 2030 and to one day settle there. The quest to achieve this goal has dominated recent headlines from NASA's landing of the Curiosity Rover to Hollywood's renewed fascination with the red planet. Mars has become the next great frontier in human conquest and exploration. Why Mars? What is at stake in our efforts to reach Mars? What does it say about life here on Earth? Over the semester, we will look at a range of scholarly literature on Mars as well as films, science fiction, and virtual reality simulations to examine some possible futures in which humans have colonized outer space and become a multi-planetary species. Our launch will be a close analysis of the film *The Martian* to discover key themes and topics in media representations of Mars. We will next chart a path through Ray Bradbury's *The Martian Chronicles* to explore connections between science, technology, and art in our imagination of human life and the experience of difference on Mars. The course will conclude with a broader inquiry of Mars as the next frontier of human entrepreneurship that critically engages with the science and ethics of proposed future Mars missions (Mars One, SpaceX, UAE's Mars 2117, among others). Students will write a final research paper on a topic of their choice that builds on course readings, activities, and discussion.**

Additional Course Attributes:

Attribute	Value(s)
Expository Sectioning	Expository Writing 20 Sectioning
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration

Expository Writing 20 Section: 234

Expository Writing 20 (116353)

Ramyar Rossoukh

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Journey to Mars**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **Evoking President Kennedy's famous speech to put a man on the moon by the end of the 1960s, on October 11, 2016, President Obama called for the United States to launch humans to Mars by 2030 and to one day settle there. The quest to achieve this goal has dominated recent headlines from NASA's landing of the Curiosity Rover to Hollywood's renewed fascination with the red planet. Mars has become the next great frontier in human conquest and exploration. Why Mars? What is at stake in our efforts to reach Mars? What does it say about life here on Earth? Over the semester, we will look at a range of scholarly literature on Mars as well as films, science fiction, and virtual reality simulations to examine some possible futures in which humans have colonized outer space and become a multi-planetary species. Our launch will be a close analysis of the film *The Martian* to discover key themes and topics in media representations of Mars. We will next chart a path through Ray Bradbury's *The Martian Chronicles* to explore connections between science, technology, and art in our imagination of human life and the experience of difference on Mars. The course will conclude with a broader inquiry of Mars as the next frontier of human entrepreneurship that critically engages with the science and ethics of proposed future Mars missions (Mars One, SpaceX, UAE's Mars 2117, among others). Students will write a final research paper on a topic of their choice that builds on course readings, activities, and discussion.**

Additional Course Attributes:

Attribute	Value(s)
Expository Sectioning	Expository Writing 20 Sectioning
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Not Available for Cross Registration

FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students

Expository Writing 20 Section: 234

Expository Writing 20 (116353)

Ramyar Rossoukh

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Journey to Mars**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **Evoking President Kennedy's famous speech to put a man on the moon by the end of the 1960s, on October 11, 2016, President Obama called for the United States to launch humans to Mars by 2030 and to one day settle there. The quest to achieve this goal has dominated recent headlines from NASA's landing of the Curiosity Rover to Hollywood's renewed fascination with the red planet. Mars has become the next great frontier in human conquest and exploration. Why Mars? What is at stake in our efforts to reach Mars? What does it say about life here on Earth? Over the semester, we will look at a range of scholarly literature on Mars as well as films, science fiction, and virtual reality simulations to examine some possible futures in which humans have colonized outer space and become a multi-planetary species. Our launch will be a close analysis of the film *The Martian* to discover key themes and topics in media representations of Mars. We will next chart a path through Ray Bradbury's *The Martian Chronicles* to explore connections between science, technology, and art in our imagination of human life and the experience of difference on Mars. The course will conclude with a broader inquiry of Mars as the next frontier of human entrepreneurship that critically engages with the science and ethics of proposed future Mars missions (Mars One, SpaceX, UAE's Mars 2117, among others). Students will write a final research paper on a topic of their choice that builds on course readings, activities, and discussion.**

Additional Course Attributes:

Attribute	Value(s)
Expository Sectioning	Expository Writing 20 Sectioning
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Not Available for Cross Registration

Expository Writing 20 Section: 235

Expository Writing 20 (116353)

Ben Roth

2020 Spring (4 Credits)		**Schedule:**	TR 0300 PM - 0415 PM
Instructor Permissions:	Department	**Enrollment Cap:**	15

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic:	**Philosophical Films**
Course Notes:	**Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**
Class Notes:	**How should society be organized? What should individuals do when they disagree with the reigning order? Protest? Revolt? Withdraw? Our class will approach these perennial philosophical questions though a number of recent films. At the beginning of the semester, we will watch Sophie Barthes's *Cold Souls*, Boots Riley's *Sorry to Bother You*, and Bong Joon-ho's *Snowpiercer*, which in very different settings—affluent New York City, the gentrifying Bay area, and a frozen post-apocalyptic world—offer critiques of the stratification of wealth and opportunity between haves and have-nots. As students develop their interpretations of one of these films in their first paper, we will also learn the basic vocabulary of cinematography and editing. Then, in the middle of the semester, we will consider the stories of two individuals who, alienated from society, decide to recede from it, examining their own lives in minute detail instead. In Tom McCarthy's cult-classic novel *Remainder* and video artist Omer Fast's adaptation of it, a man is pathologically compelled to reenact a (possibly false) memory of a time when he felt authentic; he then begins, very strangely, to reenact moments from other people's lives. In Charlie Kaufman's film *Synecdoche, New York*, a playwright self-consciously recreates his life on stage, eventually employing hundreds of actors and filling multiple impossibly large warehouses. In order to think about the nature of adaptation—from text to screen, from life to art—students will compare two of these works, with attention to the differences between them facilitating more nuanced arguments about memory, authenticity, and how we should live. Finally, at the end of the semester, we will read some short theoretical selections about the relationship between philosophy and film, attuning students to larger issues as they write a research paper about a philosophical film or filmmaker of their choice, such as *Memento*, *Eternal Sunshine of the Spotless Mind*, *Stalker*, Claire Denis, Spike Lee, Akira Kurosawa, David Lynch, or Terrence Malick, among many other possibilities.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Expository Sectioning	Expository Writing 20 Sectioning
Course Search Attributes	Display Only in Course Search

Expository Writing 20 Section: 235

Expository Writing 20 (116353)

Ben Roth

2019 Fall (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: Department **Enrollment Cap:** 15

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Philosophical Films**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **How should society be organized? What should individuals do when they disagree with the reigning order? Protest? Revolt? Withdraw? Our class will approach these perennial philosophical questions though a number of recent films. At the beginning of the semester, we will watch Sophie Barthes's *Cold Souls*, Boots Riley's *Sorry to Bother You*, and Bong Joon-ho's *Snowpiercer*, which in very different settings—affluent New York City, the gentrifying Bay area, and a frozen post-apocalyptic world—offer critiques of the stratification of wealth and opportunity between haves and have-nots. As students develop their interpretations of one of these films in their first paper, we will also learn the basic vocabulary of cinematography and editing. Then, in the middle of the semester, we will consider the stories of two individuals who, alienated from society, decide to recede from it, examining their own lives in minute detail instead. In Tom McCarthy's cult-classic novel *Remainder* and video artist Omer Fast's adaptation of it, a man is pathologically compelled to reenact a (possibly false) memory of a time when he felt authentic; he then begins, very strangely, to reenact moments from other people's lives. In Charlie Kaufman's film *Synecdoche, New York*, a playwright self-consciously recreates his life on stage, eventually employing hundreds of actors and filling multiple impossibly large warehouses. In order to think about the nature of adaptation—from text to screen, from life to art—students will compare two of these works, with attention to the differences between them facilitating more nuanced arguments about memory, authenticity, and how we should live. Finally, at the end of the semester, we will read some short theoretical selections about the relationship between philosophy and film, attuning students to larger issues as they write a research paper about a philosophical film or filmmaker of their choice, such as *Memento*, *Eternal Sunshine of the Spotless Mind*, *Stalker*, Claire Denis, Spike Lee, Akira Kurosawa, David Lynch, or Terrence Malick, among many other possibilities.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
Expository Sectioning	Expository Writing 20 Sectioning
Course Search Attributes	Display Only in Course Search

Expository Writing 20 Section: 236

Expository Writing 20 (116353)

Sparsha Saha

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Sexism and Politics**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: ***The "Engaged Scholarship" components of this course include multiple mandatory activities outside of regular class hours.***

Today, the United States Congress is 19.4% female. That statistic trails the world average of 23.3%, with Nordic, European, sub-Saharan African, and Asian countries achieving better gender balance in national legislatures than the U.S. Some scholars contend that when women run, they are no more likely to win or lose compared to their male counterparts, though they are simply less likely to run in the first place. Other scholars identify a strong correlation between voting and sexist attitudes, notably in the 2016 U.S. election. But the puzzle persists: what accounts for the persistently low levels of female political representation in American politics, particularly since the United States boasts some of the highest levels of female participation in the labor market, especially in executive positions? Our course explores this question as it examines how prejudicial attitudes about women manifest themselves in American political life and society. In Unit 1, we begin by examining the popular argument that women should have more political representation because they would be better political leaders. In this unit, you will also have a chance to engage in the Harvard community by interviewing peers, neighbors, and other members of Harvard Square to get a sense of beliefs about women in politics. In Unit 2, we turn our attention to recent case studies, including Hillary Clinton, Sarah Palin, and Alexandria Ocasio-Cortez, to investigate how gender stereotypes may or may not have played a role in the outcomes of their political races. Finally, in Unit 3, you will contribute to the scholarship in this field, by researching the phenomenon that Massachusetts lags behind other states when it

comes to female political representation at the state and gubernatorial level. We will partner with the Massachusetts Women's Political Caucus (www.mwpc.org) to help them address this problem at the state level by writing a policy paper with recommendations that draw on your research into this issue.

Additional Course Attributes:

Attribute	Value(s)
Course Search Attributes	Display Only in Course Search
Expository Sectioning	Expository Writing 20 Sectioning
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration

Expository Writing 20 Section: 236

Expository Writing 20 (116353)

Sparsha Saha

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Sexism and Politics**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: ***The "Engaged Scholarship" components of this course include multiple mandatory activities outside of regular class hours.***

Today, the United States Congress is 19.4% female. That statistic trails the world average of 23.3%, with Nordic, European, sub-Saharan African, and Asian countries achieving better gender balance in national legislatures than the U.S. Some scholars contend that when women run, they are no more likely to win or lose compared to their male counterparts, though they are simply less likely to run in the first place. Other scholars identify a strong correlation between voting and sexist attitudes, notably in the 2016 U.S. election. But the puzzle persists: what accounts for the persistently low levels of female political representation in American politics, particularly since the United States boasts some of the highest levels of female participation in the labor market, especially in executive positions? Our course explores this question as it examines how prejudicial attitudes about women manifest themselves in American political life and society. In Unit 1, we begin by examining the popular argument that women should have more political representation because they would be better political leaders. In this unit, you will also have a chance to engage in the Harvard community by interviewing peers, neighbors, and other members of Harvard Square to get a sense of beliefs about

women in politics. In Unit 2, we turn our attention to recent case studies, including Hillary Clinton, Sarah Palin, and Alexandria Ocasio-Cortez, to investigate how gender stereotypes may or may not have played a role in the outcomes of their political races. Finally, in Unit 3, you will contribute to the scholarship in this field, by researching the phenomenon that Massachusetts lags behind other states when it comes to female political representation at the state and gubernatorial level. We will partner with the Massachusetts Women's Political Caucus (www.mwpc.org) to help them address this problem at the state level by writing a policy paper with recommendations that draw on your research into this issue.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
Expository Sectioning	Expository Writing 20 Sectioning
Course Search Attributes	Display Only in Course Search

Expository Writing 20 Section: 237

Expository Writing 20 (116353)

Sparsha Saha

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Sexism and Politics**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: ***The "Engaged Scholarship" components of this course include multiple mandatory activities outside of regular class hours.***

Today, the United States Congress is 19.4% female. That statistic trails the world average of 23.3%, with Nordic, European, sub-Saharan African, and Asian countries achieving better gender balance in national legislatures than the U.S. Some scholars contend that when women run, they are no more likely to win or lose compared to their male counterparts, though they are simply less likely to run in the first place. Other scholars identify a strong correlation between voting and sexist attitudes, notably in the 2016 U.S. election. But the puzzle persists: what accounts for the persistently low levels of female political representation in American politics, particularly since the United States boasts some of the highest levels of female participation in the labor market, especially in executive positions? Our course explores this question as it examines how prejudicial attitudes about

women manifest themselves in American political life and society. In Unit 1, we begin by examining the popular argument that women should have more political representation because they would be better political leaders. In this unit, you will also have a chance to engage in the Harvard community by interviewing peers, neighbors, and other members of Harvard Square to get a sense of beliefs about women in politics. In Unit 2, we turn our attention to recent case studies, including Hillary Clinton, Sarah Palin, and Alexandria Ocasio-Cortez, to investigate how gender stereotypes may or may not have played a role in the outcomes of their political races. Finally, in Unit 3, you will contribute to the scholarship in this field, by researching the phenomenon that Massachusetts lags behind other states when it comes to female political representation at the state and gubernatorial level. We will partner with the Massachusetts Women's Political Caucus (www.mwpc.org) to help them address this problem at the state level by writing a policy paper with recommendations that draw on your research into this issue.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
Expository Sectioning	Expository Writing 20 Sectioning
FAS: Course Level	Primarily for Undergraduate Students
Course Search Attributes	Display Only in Course Search

Expository Writing 20 Section: 237

Expository Writing 20 (116353)

Sparsha Saha

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Sexism and Politics**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: ***The "Engaged Scholarship" components of this course include multiple mandatory activities outside of regular class hours.***

Today, the United States Congress is 19.4% female. That statistic trails the world average of 23.3%, with Nordic, European, sub-Saharan African, and Asian countries achieving better gender balance in national legislatures than the U.S. Some scholars contend that when women run, they are no more likely to win or lose compared to their male counterparts, though they are simply less likely to run in the first place. Other scholars identify a strong correlation between voting and

sexist attitudes, notably in the 2016 U.S. election. But the puzzle persists: what accounts for the persistently low levels of female political representation in American politics, particularly since the United States boasts some of the highest levels of female participation in the labor market, especially in executive positions? Our course explores this question as it examines how prejudicial attitudes about women manifest themselves in American political life and society. In Unit 1, we begin by examining the popular argument that women should have more political representation because they would be better political leaders. In this unit, you will also have a chance to engage in the Harvard community by interviewing peers, neighbors, and other members of Harvard Square to get a sense of beliefs about women in politics. In Unit 2, we turn our attention to recent case studies, including Hillary Clinton, Sarah Palin, and Alexandria Ocasio-Cortez, to investigate how gender stereotypes may or may not have played a role in the outcomes of their political races. Finally, in Unit 3, you will contribute to the scholarship in this field, by researching the phenomenon that Massachusetts lags behind other states when it comes to female political representation at the state and gubernatorial level. We will partner with the Massachusetts Women's Political Caucus (www.mwpc.org) to help them address this problem at the state level by writing a policy paper with recommendations that draw on your research into this issue.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
Expository Sectioning	Expository Writing 20 Sectioning
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration

Expository Writing 20 Section: 238

Expository Writing 20 (116353)

Adam Scheffler

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: Department **Enrollment Cap:** 15

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **The Underworld**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **Hell is popular. In fact, it's been doing much better than heaven. It's practically a literary consensus that Dante's best book is his *Inferno***

not *Purgatorio* or *Paradiso*, and that Milton, a Christian believer, got so carried away in describing Satan and hell that he ended up being "of the Devil's party without knowing it" (Blake). And the world today may be more secular than in past generations, but hell is doing just fine. Harvard presents its own interesting case: Currier House's annual "Heaven and Hell" party has situated "Hell" in a room that can hold about 500 people whereas "Heaven" can fit only about 50. (This past year heaven was eliminated entirely.) But what are the components of hell – what archetypes or depictions of hell and the underworld helped to cement their importance in culture? And why is hell so alive in secular culture? Why do those people who don't believe that hell is real want to keep imagining it again and again (in *Supernatural*, in *South Park*, in *Buffy the Vampire Slayer*, etc.)? In our first unit, we will examine famous underworld themes and archetypes as we look at short excerpts from *Gilgamesh*, Homer, Virgil, Dante, Milton, Jonathan Edwards, the story of Persephone, and the story of Orpheus and Eurydice. In our second unit, we'll consider how these themes and archetypes are taken up by recent secular texts such as a Stephen King short story, the film *Pan's Labyrinth*, and a *New Yorker* article by Harvard Professor Danielle Allen about her cousin's experience in the American prison system. Finally, in our third unit, students will select and research a contemporary depiction of hell, and make an argument about how that hell works as a metaphor for a real-world issue or fear (such as the sleaziness of Hollywood, or bickering families, or mental illness, or the vastness of outer space). Throughout, we will try to better understand the curious attraction of hell, and why its 4,000-year-old story shows no sign of ending.

Additional Course Attributes:

Attribute	Value(s)
Expository Sectioning	Expository Writing 20 Sectioning
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration

Expository Writing 20 Section: 238

Expository Writing 20 (116353)

Adam Scheffler

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Department **Enrollment Cap:** 15

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **The Underworld**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **Hell is popular. In fact, it's been doing much better than heaven. It's practically a literary consensus that Dante's best book is his *Inferno* not *Purgatorio* or *Paradiso*, and that Milton, a Christian believer, got so carried away in describing Satan and hell that he ended up being "of the Devil's party without knowing it" (Blake). And the world today may be more secular than in past generations, but hell is doing just fine. Harvard presents its own interesting case: Currier House's annual "Heaven and Hell" party has situated "Hell" in a room that can hold about 500 people whereas "Heaven" can fit only about 50. (This past year heaven was eliminated entirely.) But what are the components of hell – what archetypes or depictions of hell and the underworld helped to cement their importance in culture? And why is hell so alive in secular culture? Why do those people who don't believe that hell is real want to keep imagining it again and again (in *Supernatural*, in *South Park*, in *Buffy the Vampire Slayer*, etc.)? In our first unit, we will examine famous underworld themes and archetypes as we look at short excerpts from *Gilgamesh*, Homer, Virgil, Dante, Milton, Jonathan Edwards, the story of Persephone, and the story of Orpheus and Eurydice. In our second unit, we'll consider how these themes and archetypes are taken up by recent secular texts such as a Stephen King short story, the film *Pan's Labyrinth*, and a *New Yorker* article by Harvard Professor Danielle Allen about her cousin's experience in the American prison system. Finally, in our third unit, students will select and research a contemporary depiction of hell, and make an argument about how that hell works as a metaphor for a real-world issue or fear (such as the sleaziness of Hollywood, or bickering families, or mental illness, or the vastness of outer space). Throughout, we will try to better understand the curious attraction of hell, and why its 4,000-year-old story shows no sign of ending.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
Expository Sectioning	Expository Writing 20 Sectioning
Course Search Attributes	Display Only in Course Search

Expository Writing 20 Section: 239

Expository Writing 20 (116353)

Adam Scheffler

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **The Underworld**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

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Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
Expository Sectioning	Expository Writing 20 Sectioning
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
Course Search Attributes	Display Only in Course Search

Expository Writing 20 Section: 239

Expository Writing 20 (116353)

Gillian Sinnott

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Privacy and Surveillance**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **Most of us are vaguely aware that our online activities are extensively monitored by corporations in search of profits and that the government may be watching or listening to some of our communications in the name of national security. It is easy to decry this state of affairs as Orwellian, or, on the other hand, to reassure ourselves that surveillance only harms those with something to hide. In this course we will seek to move beyond these simplistic responses by considering the rights underlying privacy claims and by closely examining how surveillance operates in practice. In the first unit, we will explore the powerful, but surprisingly elusive, concept of privacy. Are we concerned only about the possibility that information gathered about us will be abused? Or is there something more fundamentally troubling in the government reading people's emails, or in corporations having records of our internet browsing histories? In the second unit, we will consider government surveillance, specifically the National Security Agency's power to monitor the content of calls and emails originating from non-American citizens who are outside the United States. Do these non-citizens have any privacy rights vis-à-vis the U.S. government? Are there adequate legal protections for American citizens whose communications—both dangerous and innocent—are swept up in surveillance that is targeted at foreigners? In the final unit we will turn to the issue of privacy rights against corporations. Do we have a right to be forgotten online, or should truthful information about private citizens be available via internet search engines indefinitely? Can internet users be regarded as having given meaningful consent to privacy agreements that they have not read and would in any case likely not fully understand? For this unit, students will write a research paper about the appropriate limits on the power that private entities have over our online lives.**

Students who enroll in this Expos section will also participate in a new* How to Harvard *ungraded seminar. Please see the Writing Program's How to Harvard webpage for additional information.

Additional Course Attributes:

Attribute	Value(s)
Course Search Attributes	Display Only in Course Search
Expository Sectioning	Expository Writing 20 Sectioning
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration

Expository Writing 20 Section: 240

Expository Writing 20 (116353)

Gillian Sinnott

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Privacy and Surveillance**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **Most of us are vaguely aware that our online activities are extensively monitored by corporations in search of profits and that the government may be watching or listening to some of our communications in the name of national security. It is easy to decry this state of affairs as Orwellian, or, on the other hand, to reassure ourselves that surveillance only harms those with something to hide. In this course we will seek to move beyond these simplistic responses by considering the rights underlying privacy claims and by closely examining how surveillance operates in practice. In the first unit, we will explore the powerful, but surprisingly elusive, concept of privacy. Are we concerned only about the possibility that information gathered about us will be abused? Or is there something more fundamentally troubling in the government reading people's emails, or in corporations having records of our internet browsing histories? In the second unit, we will consider government surveillance, specifically the National Security Agency's power to monitor the content of calls and emails originating from non-American citizens who are outside the United States. Do these non-citizens have any privacy rights vis-à-vis the U.S. government? Are there adequate legal protections for American citizens whose communications—both dangerous and innocent—are swept up in surveillance that is targeted at foreigners? In the final unit we will turn to the issue of privacy rights against corporations. Do we have a right to be forgotten online, or should truthful information about private citizens be available via internet search engines indefinitely? Can internet users be regarded as having given meaningful consent to privacy agreements that they have not read and would in any case likely not fully understand? For this unit, students will write a research paper about the appropriate limits on the power that private entities have over our online lives.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
Expository Sectioning	Expository Writing 20 Sectioning
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Expository Writing 20 Section: 240

Expository Writing 20 (116353)

Gillian Sinnott

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: Department **Enrollment Cap:** 15

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Privacy and Surveillance**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **Most of us are vaguely aware that our online activities are extensively monitored by corporations in search of profits and that the government may be watching or listening to some of our communications in the name of national security. It is easy to decry this state of affairs as Orwellian, or, on the other hand, to reassure ourselves that surveillance only harms those with something to hide. In this course we will seek to move beyond these simplistic responses by considering the rights underlying privacy claims and by closely examining how surveillance operates in practice. In the first unit, we will explore the powerful, but surprisingly elusive, concept of privacy. Are we concerned only about the possibility that information gathered about us will be abused? Or is there something more fundamentally troubling in the government reading people's emails, or in corporations having records of our internet browsing histories? In the second unit, we will consider government surveillance, specifically the National Security Agency's power to monitor the content of calls and emails originating from non-American citizens who are outside the United States. Do these non-citizens have any privacy rights vis-à-vis the U.S. government? Are there adequate legal protections for American citizens whose communications—both dangerous and innocent—are swept up in surveillance that is targeted at foreigners? In the final unit we will turn to the issue of privacy rights against corporations. Do we have a right to be forgotten online, or should truthful information about private citizens be available via internet search engines indefinitely? Can internet users be regarded as having given meaningful consent to privacy agreements that they have not read and would in any case likely not fully understand? For this unit, students will write a research paper about the appropriate limits on the power that private entities have over our online lives.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
Course Search Attributes	Display Only in Course Search
FAS Divisional Distribution	None
Expository Sectioning	Expository Writing 20 Sectioning
FAS: Course Level	Primarily for Undergraduate Students

Expository Writing 20 Section: 241

Expository Writing 20 (116353)

Julia Tejblum

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Department **Enrollment Cap:** 15

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Truth Claims in a Post-Truth W**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **We often describe an idea or phrase as having "the ring of truth," but what does truth *sound* like? And what happens when politicians, news organizations, and advertising agencies learn to reproduce or mimic that sound? This course addresses recent claims that we are living in a "post-truth world," and considers the fate of argument in a world in which truth is subjective, and fact divided into mainstream and alternative forms. Is it possible to draw clear lines between fact and fiction, truth and lies? And if, as Oprah Winfrey has insisted, there is value in the transformative power of "speaking your truth," what does this mean for debate and the project of seeking a truth that exists beyond our personal experience? In our first unit, we'll consider the methods we use to distinguish fact from fiction as we examine fictional and philosophical texts by Tim O'Brien, J.L. Austin, and others that seek to distinguish (or blur the lines) between truth and fiction. In the second unit, we'll engage with texts from both sides of heated debates that challenge the idea of "expertise"—including climate-change and vaccination as we explore how social media platforms shape our relationship to the truth and to argument. Our final unit will take us where the quest for truth reaches its extremes: the conspiracy theory. We'll look at the complex anatomy of conspiracy theories from the world-wide (the moon landing "hoax" and "crisis actors," among others) to the local (Harvard-based conspiracies), and students will have an opportunity to interview peers and local members of the community as they conduct their research.**

Additional Course Attributes:

Attribute	Value(s)
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing 20 Sectioning
FAS Divisional Distribution	None

Expository Writing 20 Section: 241

Expository Writing 20 (116353)

Gillian Sinnott

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Privacy and Surveillance**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **Most of us are vaguely aware that our online activities are extensively monitored by corporations in search of profits and that the government may be watching or listening to some of our communications in the name of national security. It is easy to decry this state of affairs as Orwellian, or, on the other hand, to reassure ourselves that surveillance only harms those with something to hide. In this course we will seek to move beyond these simplistic responses by considering the rights underlying privacy claims and by closely examining how surveillance operates in practice. In the first unit, we will explore the powerful, but surprisingly elusive, concept of privacy. Are we concerned only about the possibility that information gathered about us will be abused? Or is there something more fundamentally troubling in the government reading people's emails, or in corporations having records of our internet browsing histories? In the second unit, we will consider government surveillance, specifically the National Security Agency's power to monitor the content of calls and emails originating from non-American citizens who are outside the United States. Do these non-citizens have any privacy rights vis-à-vis the U.S. government? Are there adequate legal protections for American citizens whose communications—both dangerous and innocent—are swept up in surveillance that is targeted at foreigners? In the final unit we will turn to the issue of privacy rights against corporations. Do we have a right to be forgotten online, or should truthful information about private citizens be available via internet search engines indefinitely? Can internet users be regarded as having given meaningful consent to privacy agreements that they have not read and would in any case likely not fully understand? For this unit, students will write a research paper about the appropriate limits on the power that private entities have over our online lives.**

Additional Course Attributes:

Attribute	Value(s)
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
Expository Sectioning	Expository Writing 20 Sectioning
FAS: Course Level	Primarily for Undergraduate Students

Expository Writing 20 Section: 242

Expository Writing 20 (116353)

Spencer Strub

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Ecological Crisis: Witnessing**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing 20 Sectioning
FAS Divisional Distribution	None

Expository Writing 20 Section: 242

Expository Writing 20 (116353)

Julia Tejblum

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Truth Claims in a Post-Truth W**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **We often describe an idea or phrase as having "the ring of truth," but what does truth *sound* like? And what happens when politicians, news organizations, and advertising agencies learn to reproduce or mimic that sound? This course addresses recent claims that we are living in a "post-truth world," and considers the fate of argument in a world in which truth is subjective, and fact divided into mainstream and alternative forms. Is it possible to draw clear lines between fact and fiction, truth and lies? And if, as Oprah Winfrey has insisted, there is value in the transformative power of "speaking your truth," what does**

this mean for debate and the project of seeking a truth that exists beyond our personal experience? In our first unit, we'll consider the methods we use to distinguish fact from fiction as we examine fictional and philosophical texts by Tim O'Brien, J.L. Austin, and others that seek to distinguish (or blur the lines) between truth and fiction. In the second unit, we'll engage with texts from both sides of heated debates that challenge the idea of "expertise"—including climate-change and vaccination as we explore how social media platforms shape our relationship to the truth and to argument. Our final unit will take us where the quest for truth reaches its extremes: the conspiracy theory. We'll look at the complex anatomy of conspiracy theories from the world-wide (the moon landing "hoax" and "crisis actors," among others) to the local (Harvard-based conspiracies), and students will have an opportunity to interview peers and local members of the community as they conduct their research.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
Course Search Attributes	Display Only in Course Search
Expository Sectioning	Expository Writing 20 Sectioning
All: Cross Reg Availability	Not Available for Cross Registration

Expository Writing 20 Section: 243

Expository Writing 20 (116353)

Spencer Strub

2020 Spring (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Ecological Crisis: Witnessing**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
Expository Sectioning	Expository Writing 20 Sectioning
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
Course Search Attributes	Display Only in Course Search

Expository Writing 20 Section: 243

Expository Writing 20 (116353)

Ezer Vierba

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Buddhism, Mindfulness, and the**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **Today, mindfulness is touted as a panacea, the secret to happiness and health, superb sex and unparalleled productivity. The hype is not entirely new, however. For decades, ostensibly Buddhist ideas have been tossed around in the West as recipes for success in just about any art or craft. But what hides behind this craze? Can Buddhist teachings offer us tools with which to achieve our goals, or are we corrupting Buddhism by applying it in such a way? What have artists and practitioners thought of the use of meditative tools, and how have they integrated Buddhist terms like "bare awareness" and "emptiness" into their work?**

In order to answer such questions, we will start the course with a reading of the *Satipat□hāna Sutta*, the Buddha's instructions on mindfulness mediation. A close reading the text in our first unit will give us a glimpse of the ancient Buddhist practice, its complexity and richness. As we move into our second unit, we will read the text that first gave the West the idea that Buddhism can allow us to "hit the mark" without trying to do so, Eugen Herrigel's bestselling 1948 book, *Zen in the Art of Archery*. Using Edward Said's classic work, *Orientalism*, we will ask if Herrigel was romanticizing Zen Buddhism, and if he was, what the consequences of such a romanticization have for Japan and the West. In our last unit, we will read the work of Chögyam Trungpa, one of the most charismatic masters to have taught in the West. His lectures in *Dharma Art* will provide us a glimpse into the way Buddhist religious-artistic practices have influenced contemporary artists in the West. By looking at Trungpa's Tibetan "crazy wisdom," we will try to understand what Buddhist ideas of self/not-self mean, and why artists have taken such avid interest in them.

As we read these texts, we will also practice mindfulness meditation, as well as various other forms of Buddhist meditation. In doing so, we will think about these meditations both practically and critically, at the same time as we refine our analytical understanding of Buddhist ideas.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing 20 Sectioning
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Expository Writing 20 Section: 244

Expository Writing 20 (116353)

Ezer Vierba

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Buddhism, Mindfulness, and the**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **Today, mindfulness is touted as a panacea, the secret to happiness and health, superb sex and unparalleled productivity. The hype is not entirely new, however. For decades, ostensibly Buddhist ideas have been tossed around in the West as recipes for success in just about any art or craft. But what hides behind this craze? Can Buddhist teachings offer us tools with which to achieve our goals, or are we corrupting Buddhism by applying it in such a way? What have artists and practitioners thought of the use of meditative tools, and how have they integrated Buddhist terms like "bare awareness" and "emptiness" into their work?**

In order to answer such questions, we will start the course with a reading of the *Satipat□hāna Sutta*, the Buddha's instructions on mindfulness mediation. A close reading the text in our first unit will give us a glimpse of the ancient Buddhist practice, its complexity and richness. As we move into our second unit, we will read the text that first gave the West the idea that Buddhism can allow us to "hit the mark" without trying to do so, Eugen Herrigel's bestselling 1948 book, *Zen in the Art of Archery*. Using Edward Said's classic work, *Orientalism*, we will ask if Herrigel was romanticizing Zen Buddhism, and if he was, what the consequences of such a romanticization have for Japan and the West. In our last unit, we will read the work of Chögyam Trungpa, one of the most charismatic masters to have taught in the West. His lectures in *Dharma Art* will provide us a glimpse into the way Buddhist religious-artistic practices have influenced contemporary artists in the West. By looking at Trungpa's Tibetan "crazy wisdom," we will try to understand what Buddhist ideas of self/not-self mean, and why artists have taken such avid interest in

them.

As we read these texts, we will also practice mindfulness meditation, as well as various other forms of Buddhist meditation. In doing so, we will think about these meditations both practically and critically, at the same time as we refine our analytical understanding of Buddhist ideas.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing 20 Sectioning
Course Search Attributes	Display Only in Course Search
FAS Divisional Distribution	None

Expository Writing 20 Section: 244

Expository Writing 20 (116353)

Julia Tejblum

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: Department **Enrollment Cap:** 15

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Truth Claims in a Post-Truth W**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **We often describe an idea or phrase as having "the ring of truth," but what does truth *sound* like? And what happens when politicians, news organizations, and advertising agencies learn to reproduce or mimic that sound? This course addresses recent claims that we are living in a "post-truth world," and considers the fate of argument in a world in which truth is subjective, and fact divided into mainstream and alternative forms. Is it possible to draw clear lines between fact and fiction, truth and lies? And if, as Oprah Winfrey has insisted, there is value in the transformative power of "speaking your truth," what does this mean for debate and the project of seeking a truth that exists beyond our personal experience? In our first unit, we'll consider the methods we use to distinguish fact from fiction as we examine fictional and philosophical texts by Tim O'Brien, J.L. Austin, and others that seek to distinguish (or blur the lines) between truth and fiction. In the second unit, we'll engage with texts from both sides of heated debates that challenge the idea of "expertise"—including climate-change and vaccination as we explore how social media platforms shape our relationship to the truth and to argument. Our final unit will take us where the quest for truth reaches its extremes: the conspiracy**

theory. We'll look at the complex anatomy of conspiracy theories from the world-wide (the moon landing "hoax" and "crisis actors," among others) to the local (Harvard-based conspiracies), and students will have an opportunity to interview peers and local members of the community as they conduct their research.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing 20 Sectioning
All: Cross Reg Availability	Not Available for Cross Registration
Course Search Attributes	Display Only in Course Search

Expository Writing 20 Section: 245

Expository Writing 20 (116353)

Jeffrey Wilson

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Why Shakespeare?**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **Shakespeare, we have all been told, is extremely important. You might agree or disagree with this pronouncement, but do you know why Shakespeare matters to so many people? Why does every high school in America assign Shakespeare? Why did the world erupt with jubilation on his 450th birthday in April 2014? Why did the British government pay $2.4 million to have Shakespeare translated into Mandarin? Does Shakespeare deserve this fuss, or is he really overrated? In this section, Shakespeare lovers and haters alike are invited to consider the question of Shakespeare's popularity by looking into the relationship between his methods of artistic creation and the values of the modern world. We'll begin with the most famous artwork of the past millennium, *Hamlet*, about a young scholar (like you) who finds the injustice of the world overwhelming (like you?). Then we'll turn to *Othello*, its confrontation with race and gender especially relevant in our moment. We'll read it in conversation with *Blindspot: Hidden Biases of Good People* by Anthony Greenwald and Mahzarin Banaji, a social science theory we'll use to think about the identity politics of Shakespeare and his characters; and with *Desdemona* by Toni Morrison, whose recent passing will no doubt bring additional weight to her adaptation of *Othello* addressing life "beyond death when you have time, time, time to talk, to explain, to**

reargue, to debate, to confess, to love." Finally, we'll ask, "Why Shakespeare?" and entertain answers ranging from the skeptical (Shakespeare is a dead, white male that other dead, white males have used to promote the values of dead, white males) to the euphoric (Shakespeare is universal; Shakespeare invented the human).

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
Expository Sectioning	Expository Writing 20 Sectioning
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Expository Writing 20 Section: 245

Expository Writing 20 (116353)

Julia Tejblum

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

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others) to the local (Harvard-based conspiracies), and students will have an opportunity to interview peers and local members of the community as they conduct their research.

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Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing 20 Sectioning
FAS Divisional Distribution	None

Expository Writing 20 Section: 246

Expository Writing 20 (116353)

Jeffrey Wilson

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Why Shakespeare?**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **Shakespeare, we have all been told, is extremely important. You might agree or disagree with this pronouncement, but do you know why Shakespeare matters to so many people? Why does every high school in America assign Shakespeare? Why did the world erupt with jubilation on his 450th birthday in April 2014? Why did the British government pay $2.4 million to have Shakespeare translated into Mandarin? Does Shakespeare deserve this fuss, or is he really overrated? In this section, Shakespeare lovers and haters alike are invited to consider the question of Shakespeare's popularity by looking into the relationship between his methods of artistic creation and the values of the modern world. We'll begin with the most famous artwork of the past millennium, *Hamlet*, about a young scholar (like you) who finds the injustice of the world overwhelming (like you?). Then we'll turn to *Othello*, its confrontation with race and gender especially relevant in our moment. We'll read it in conversation with *Blindspot: Hidden Biases of Good People* by Anthony Greenwald and Mahzarin Banaji, a social science theory we'll use to think about the identity politics of Shakespeare and his characters; and with *Desdemona* by Toni Morrison, whose recent passing will no doubt bring additional**

weight to her adaptation of *Othello* addressing life "beyond death when you have time, time, time to talk, to explain, to reargue, to debate, to confess, to love." Finally, we'll ask, "Why Shakespeare?" and entertain answers ranging from the skeptical (Shakespeare is a dead, white male that other dead, white males have used to promote the values of dead, white males) to the euphoric (Shakespeare is universal; Shakespeare invented the human).

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing 20 Sectioning
Course Search Attributes	Display Only in Course Search

Expository Writing 20 Section: 246

Expository Writing 20 (116353)

Ezer Vierba

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** 15

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Buddhism, Mindfulness, and the**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **Today, mindfulness is touted as a panacea, the secret to happiness and health, superb sex and unparalleled productivity. The hype is not entirely new, however. For decades, ostensibly Buddhist ideas have been tossed around in the West as recipes for success in just about any art or craft. But what hides behind this craze? Can Buddhist teachings offer us tools with which to achieve our goals, or are we corrupting Buddhism by applying it in such a way? What have artists and practitioners thought of the use of meditative tools, and how have they integrated Buddhist terms like "bare awareness" and "emptiness" into their work?**

In order to answer such questions, we will start the course with a reading of the *Satipat□hāna Sutta*, the Buddha's instructions on mindfulness mediation. A close reading the text in our first unit will give us a glimpse of the ancient Buddhist practice, its complexity and richness. As we move into our second unit, we will read the text that first gave the West the idea that Buddhism can allow us to "hit the mark" without trying to do so, Eugen Herrigel's bestselling 1948 book,

***Zen in the Art of Archery*. Using Edward Said's classic work, *Orientalism*, we will ask if Herrigel was romanticizing Zen Buddhism, and if he was, what the consequences of such a romanticization have for Japan and the West. In our last unit, we will read the work of Chögyam Trungpa, one of the most charismatic masters to have taught in the West. His lectures in *Dharma Art* will provide us a glimpse into the way Buddhist religious-artistic practices have influenced contemporary artists in the West. By looking at Trungpa's Tibetan "crazy wisdom," we will try to understand what Buddhist ideas of self/not-self mean, and why artists have taken such avid interest in them.**

As we read these texts, we will also practice mindfulness meditation, as well as various other forms of Buddhist meditation. In doing so, we will think about these meditations both practically and critically, at the same time as we refine our analytical understanding of Buddhist ideas.

Additional Course Attributes:

Attribute	Value(s)
Course Search Attributes	Display Only in Course Search
Expository Sectioning	Expository Writing 20 Sectioning
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Expository Writing 20 Section: 247

Expository Writing 20 (116353)

Ezer Vierba

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Buddhism, Mindfulness, and the**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **Today, mindfulness is touted as a panacea, the secret to happiness and health, superb sex and unparalleled productivity. The hype is not entirely new, however. For decades, ostensibly Buddhist ideas have been tossed around in the West as recipes for success in just about any art or craft. But what hides behind this craze? Can Buddhist teachings offer us tools with which to achieve our goals, or are we corrupting Buddhism by applying it in such a way? What have artists and practitioners thought of the use of meditative tools, and how have they integrated Buddhist terms like "bare awareness" and "emptiness" into their work?**

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reading of the *Satipat□hāna Sutta*, the Buddha's instructions on mindfulness mediation. A close reading the text in our first unit will give us a glimpse of the ancient Buddhist practice, its complexity and richness. As we move into our second unit, we will read the text that first gave the West the idea that Buddhism can allow us to "hit the mark" without trying to do so, Eugen Herrigel's bestselling 1948 book, *Zen in the Art of Archery*. Using Edward Said's classic work, *Orientalism*, we will ask if Herrigel was romanticizing Zen Buddhism, and if he was, what the consequences of such a romanticization have for Japan and the West. In our last unit, we will read the work of Chögyam Trungpa, one of the most charismatic masters to have taught in the West. His lectures in *Dharma Art* will provide us a glimpse into the way Buddhist religious-artistic practices have influenced contemporary artists in the West. By looking at Trungpa's Tibetan "crazy wisdom," we will try to understand what Buddhist ideas of self/not-self mean, and why artists have taken such avid interest in them.

As we read these texts, we will also practice mindfulness meditation, as well as various other forms of Buddhist meditation. In doing so, we will think about these meditations both practically and critically, at the same time as we refine our analytical understanding of Buddhist ideas.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Not Available for Cross Registration
Expository Sectioning	Expository Writing 20 Sectioning

Expository Writing 20 Section: 247

Expository Writing 20 (116353)

Eve Wittenberg

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** 15

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **What is Health?**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes:

Health care is on everyone's minds these days: polls show it is among voters' top priorities when considering candidates, it dominates headlines, and elected officials wrestle with options to

improve our insurance system. Underlying all this talk is a fundamental goal of health—yet what in fact does this term mean? What does it mean to be healthy? What are we trying to achieve with our health system or with health insurance? How would we know if we've done a good or bad job? These are the questions that challenge practitioners of medicine, public health, and health policy. To be "healthy" may be living very long, having healthy behaviors, or being happy; it could be a combination of all of these, and it could be different for different people. Understanding what we mean when we talk about health is important to every facet of the health system and to everyone who interacts with it, so we know what we are collectively and individually aiming for and whether it is achieved.

This course will explore what health is, what it means to be healthy or not healthy, and how we can improve people's health. The emphasis will be on writing from a science and social science perspective, highlighting the distinctions with writing in the humanities. It is an "active-learning" seminar, which means we will use in-class exercises and frequent assignments to build writing skills: you will write, critique others' writing, talk about writing, read writing aloud, draw diagrams of arguments—all sorts of varied exercises to understand, develop, and improve your own writing style. Unit 1 will focus on the definition of health to form a basis for the semester, including the World Health Organization's definition and case examples of people who we may or may not consider healthy (for instance, would Stephen Hawking have been considered healthy?). Unit 2 will look at health policies, specifically focusing on childhood obesity prevention. We will read conflicting views of obesity as a medical condition or a descriptor of body size, and grapple with a situation where science points in different directions. Unit 3 will introduce research papers, and you will write on an individually-chosen topic around improving college students' health. You will learn to use the Harvard library system and resources to write a final paper. The materials for the course will consist of scientific articles (mainly in medicine and public health), online health data sources, commentaries and editorials, videos/TED talks, and a few newspaper articles and websites. Some classes will be held at Harvard's Global Health Education and Learning Incubator to use verbal and visual exercises to clarify concepts, practice articulating ideas, and develop a focus for writing.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing 20 Sectioning
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Expository Writing 20 Section: 248

Expository Writing 20 (116353)

Mande Zecca

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **The Uses of Horror**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **In a conversation with Stephen Colbert, comedian and filmmaker Jordan Peele referred to his 2017 horror film, *Get Out*, as a "historical biopic." His claim that "the movie is truth" invites us to reflect on the relationship between horror and history – between fictional and filmic fantasies that terrify us, and our own lived realities. In this course, we'll think about what happens when we encounter works of art that are disturbing, excessive, horrific, and about how horror, as a genre, has given us new ways of understanding and describing our experiences. In our first unit, we'll read one of horror's modern masters: Edgar Allan Poe. Paying particular attention to patterns of transgressed boundaries between self and other, life and death, sanity and madness, we'll consider how Poe's brand of American horror expresses anxieties about the unknown and the irrational and how it serves as a compelling allegory for psychic and social realities. In unit two, we'll consider Henry James's 1898 novella, *The Turn of the Screw*, alongside 20th-century film adaptations of his classic work of literary horror. We'll attend to questions of genre and film form – what is illuminated and what might be lost when we move from text to screen. Finally, for our third unit, we'll turn our full attention to horror's most contemporary (and popular) iteration: the scary movie. Students will write a research paper about a horror film of their choice (some suggested options will include *Night of the Living Dead*, *Rosemary's Baby*, *The Babadook*, and *Get Out*), drawing on readings in philosophy, psychology, and film theory in order to tackle some of the central questions animating this course: what makes horror cohere as a genre, how do its aesthetic qualities operate on the mind of the observer, and what kinds of social and cultural commentary might it be capable of making?**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
Expository Sectioning	Expository Writing 20 Sectioning

Expository Writing 20 Section: 248

Expository Writing 20 (116353)

Jeffrey Wilson

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: Department **Enrollment Cap:** 15

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Why Shakespeare?**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **Shakespeare, we have all been told, is extremely important. You might agree or disagree with this pronouncement, but do you know why Shakespeare matters to so many people? Why does every high school in America assign Shakespeare? Why did the world erupt with jubilation on his 450th birthday in April 2014? Why did the British government pay $2.4 million to have Shakespeare translated into Mandarin? Does Shakespeare deserve this fuss, or is he really overrated? In this section, Shakespeare lovers and haters alike are invited to consider the question of Shakespeare's popularity by looking into the relationship between his methods of artistic creation and the values of the modern world. We'll begin with the most famous artwork of the past millennium, *Hamlet*, about a young scholar (like you) who finds the injustice of the world overwhelming (like you?). Then we'll turn to *Othello*, its confrontation with race and gender especially relevant in our moment. We'll read it in conversation with *Blindspot: Hidden Biases of Good People* by Anthony Greenwald and Mahzarin Banaji, a social science theory we'll use to think about the identity politics of Shakespeare and his characters; and with *Desdemona* by Toni Morrison, whose recent passing will no doubt bring additional weight to her adaptation of *Othello* addressing life "beyond death when you have time, time, time to talk, to explain, to reargue, to debate, to confess, to love." Finally, we'll ask, "Why Shakespeare?" and entertain answers ranging from the skeptical (Shakespeare is a dead, white male that other dead, white males have used to promote the values of dead, white males) to the euphoric (Shakespeare is universal; Shakespeare invented the human).**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing 20 Sectioning

Expository Writing 20 Section: 249

Expository Writing 20 (116353)

Mande Zecca

2019 Fall (4 Credits)		**Schedule:**	MW 0130 PM - 0245 PM
Instructor Permissions:	Department	**Enrollment Cap:**	14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic:	**The Uses of Horror**
Course Notes:	**Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**
Class Notes:	**In a conversation with Stephen Colbert, comedian and filmmaker Jordan Peele referred to his 2017 horror film, *Get Out*, as a "historical biopic." His claim that "the movie is truth" invites us to reflect on the relationship between horror and history – between fictional and filmic fantasies that terrify us, and our own lived realities. In this course, we'll think about what happens when we encounter works of art that are disturbing, excessive, horrific, and about how horror, as a genre, has given us new ways of understanding and describing our experiences. In our first unit, we'll read one of horror's modern masters: Edgar Allan Poe. Paying particular attention to patterns of transgressed boundaries between self and other, life and death, sanity and madness, we'll consider how Poe's brand of American horror expresses anxieties about the unknown and the irrational and how it serves as a compelling allegory for psychic and social realities. In unit two, we'll consider Henry James's 1898 novella, *The Turn of the Screw*, alongside 20th-century film adaptations of his classic work of literary horror. We'll attend to questions of genre and film form – what is illuminated and what might be lost when we move from text to screen. Finally, for our third unit, we'll turn our full attention to horror's most contemporary (and popular) iteration: the scary movie. Students will write a research paper about a horror film of their choice (some suggested options will include *Night of the Living Dead*, *Rosemary's Baby*, *The Babadook*, and *Get Out*), drawing on readings in philosophy, psychology, and film theory in order to tackle some of the central questions animating this course: what makes horror cohere as a genre, how do its aesthetic qualities operate on the mind of the observer, and what kinds of social and cultural commentary might it be capable of making?**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
Expository Sectioning	Expository Writing 20 Sectioning
FAS: Course Level	Primarily for Undergraduate Students

Expository Writing 20 Section: 249

Expository Writing 20 (116353)

Jeffrey Wilson

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Why Shakespeare?**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **Shakespeare, we have all been told, is extremely important. You might agree or disagree with this pronouncement, but do you know why Shakespeare matters to so many people? Why does every high school in America assign Shakespeare? Why did the world erupt with jubilation on his 450th birthday in April 2014? Why did the British government pay $2.4 million to have Shakespeare translated into Mandarin? Does Shakespeare deserve this fuss, or is he really overrated? In this section, Shakespeare lovers and haters alike are invited to consider the question of Shakespeare's popularity by looking into the relationship between his methods of artistic creation and the values of the modern world. We'll begin with the most famous artwork of the past millennium, *Hamlet*, about a young scholar (like you) who finds the injustice of the world overwhelming (like you?). Then we'll turn to *Othello*, its confrontation with race and gender especially relevant in our moment. We'll read it in conversation with *Blindspot: Hidden Biases of Good People* by Anthony Greenwald and Mahzarin Banaji, a social science theory we'll use to think about the identity politics of Shakespeare and his characters; and with *Desdemona* by Toni Morrison, whose recent passing will no doubt bring additional weight to her adaptation of *Othello* addressing life "beyond death when you have time, time, time to talk, to explain, to reargue, to debate, to confess, to love." Finally, we'll ask, "Why Shakespeare?" and entertain answers ranging from the skeptical (Shakespeare is a dead, white male that other dead, white males have used to promote the values of dead, white males) to the euphoric (Shakespeare is universal; Shakespeare invented the human).**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing 20 Sectioning
Course Search Attributes	Display Only in Course Search

Expository Writing 20 Section: 250

Expository Writing 20 (116353)

Eve Wittenberg

2020 Spring (4 Credits)		**Schedule:**	TR 1030 AM - 1145 AM
Instructor Permissions:	Department	**Enrollment Cap:**	15

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic:	**What is Health?**
Course Notes:	**Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**
Class Notes:	**Health care is on everyone's minds these days: polls show it is among voters' top priorities when considering candidates, it dominates headlines, and elected officials wrestle with options to improve our insurance system. Underlying all this talk is a fundamental goal of health—yet what in fact does this term mean? What does it mean to be healthy? What are we trying to achieve with our health system or with health insurance? How would we know if we've done a good or bad job? These are the questions that challenge practitioners of medicine, public health, and health policy. To be "healthy" may be living very long, having healthy behaviors, or being happy; it could be a combination of all of these, and it could be different for different people. Understanding what we mean when we talk about health is important to every facet of the health system and to everyone who interacts with it, so we know what we are collectively and individually aiming for and whether it is achieved.** **This course will explore what health is, what it means to be healthy or not healthy, and how we can improve people's health. The emphasis will be on writing from a science and social science perspective, highlighting the distinctions with writing in the humanities. It is an "active-learning" seminar, which means we will use in-class exercises and frequent assignments to build writing skills: you will write, critique others' writing, talk about writing, read writing aloud, draw diagrams of arguments—all sorts of varied exercises to understand, develop, and improve your own writing style. Unit 1 will focus on the definition of health to form a basis for the semester, including the World Health Organization's definition and case examples of people who we may or may not consider healthy (for instance, would Stephen Hawking have been considered healthy?). Unit 2 will look at health policies, specifically focusing on childhood obesity prevention. We will read conflicting views of obesity as a medical condition or a descriptor of body size, and grapple with a situation where science points in different directions. Unit 3 will introduce research papers, and you will write on an individually-chosen topic around improving college students' health. You will learn to use the Harvard library system and resources to write a final paper. The materials for the course will consist of scientific articles (mainly in medicine and public health),**

online health data sources, commentaries and editorials, videos/TED talks, and a few newspaper articles and websites. Some classes will be held at Harvard's Global Health Education and Learning Incubator to use verbal and visual exercises to clarify concepts, practice articulating ideas, and develop a focus for writing.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing 20 Sectioning
Course Search Attributes	Display Only in Course Search

Expository Writing 20 Section: 250

Expository Writing 20 (116353)

Kip Richardson

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Laugh Riots**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **We are living in an apparent golden age of humor. Judging solely by the number of viral comedians, late-night shows, humor books, parody websites, and meme generators, the genre is thriving. Yet critics, both liberal and conservative, have raised substantive concerns about this explosion of political and social satirical content, questioning its corrosiveness, its persuasive efficacy, even its ability to truly hold powerful interests accountable. Indeed, some have begun to doubt the potency of political satire at all, victim to the surreality and self-parody of modern political life. This course will ask students to weigh in on these questions about the value and viability of social and political humor. In Unit 1, students will consider when, if ever, do jokes go "too far"? Using the global controversy over the satirical caricatures of the Prophet Muhammad drawn by Western cartoonists, students will think critically about whether offensive humor serves or undermines the greater social good. In Unit 2, we turn to the burgeoning world of political satire television, most notably *The Daily Show* but also its many imitators. Such shows have been routinely lauded by commentators as a pillar of civics education, but there are reasons to doubt such rosy estimations. Using both theoretical and empirical sources, students will ask whether such shows really do inform and engage the public, or whether instead they oversimplify and encourage apathy toward the political sphere. Finally, in Unit 3, students will be**

tasked with exploring the social worlds created by various humor practices, examining either how a historical case study of humor reflects its cultural zeitgeist (e.g., anti-Chinese immigration satire from the 1880s) or surveying the social scientific research on a specific issue within contemporary humor studies (e.g., how sexist humor affects the workplace).

Additional Course Attributes:

Attribute	Value(s)
Expository Sectioning	Expository Writing 20 Sectioning
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
Course Search Attributes	Display Only in Course Search

Expository Writing 20 Section: 251

Expository Writing 20 (116353)

Kip Richardson

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Laugh Riots**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **We are living in an apparent golden age of humor. Judging solely by the number of viral comedians, late-night shows, humor books, parody websites, and meme generators, the genre is thriving. Yet critics, both liberal and conservative, have raised substantive concerns about this explosion of political and social satirical content, questioning its corrosiveness, its persuasive efficacy, even its ability to truly hold powerful interests accountable. Indeed, some have begun to doubt the potency of political satire at all, victim to the surreality and self-parody of modern political life. This course will ask students to weigh in on these questions about the value and viability of social and political humor. In Unit 1, students will consider when, if ever, do jokes go "too far"? Using the global controversy over the satirical caricatures of the Prophet Muhammad drawn by Western cartoonists, students will think critically about whether offensive humor serves or undermines the greater social good. In Unit 2, we turn to the burgeoning world of political satire television, most notably *The Daily Show* but also its many imitators. Such shows have been routinely lauded by commentators as a pillar of civics education, but there are reasons to doubt such rosy estimations. Using both theoretical and empirical sources, students will ask whether such shows really do inform and**

engage the public, or whether instead they oversimplify and encourage apathy toward the political sphere. Finally, in Unit 3, students will be tasked with exploring the social worlds created by various humor practices, examining either how a historical case study of humor reflects its cultural zeitgeist (e.g., anti-Chinese immigration satire from the 1880s) or surveying the social scientific research on a specific issue within contemporary humor studies (e.g., how sexist humor affects the workplace).

Additional Course Attributes:

Attribute	Value(s)
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
Expository Sectioning	Expository Writing 20 Sectioning
FAS: Course Level	Primarily for Undergraduate Students

Expository Writing 20 Section: 253

Expository Writing 20 (116353)

Lusia Zaitseva

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Department **Enrollment Cap:** 15

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Representing Childhood**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Additional Course Attributes:

Attribute	Value(s)
Expository Sectioning	Expository Writing 20 Sectioning
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Not Available for Cross Registration

Expository Writing 20 Section: 254

Expository Writing 20 (116353)

Lusia Zaitseva

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence

through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Representing Childhood**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing 20 Sectioning

Expository Writing 20 Section: 256

Expository Writing 20 (116353)

Patricia Bellanca

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Gothic Fiction**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **"Horror, madness, monstrosity, death, disease, terror, evil, and weird sexuality": these preoccupations, according to a recent critic, have animated the Gothic genre ever since it emerged in the mid-1700s. We will contemplate these preoccupations as we examine a range of Gothic texts from eighteenth-century Gothic fragments to stories by Edgar Allan Poe and Isabel Allende. And we will ask these questions about those texts: What makes the Gothic "Gothic"? How are we to understand its recurring motifs--its crumbling old houses, fragmented texts, prematurely buried women, incestuous siblings, and mad narrators? And what have modern Gothic writers and readers made of the genre they've inherited? We'll develop a working definition of the Gothic in our first segment, which will take a group of short stories, of various centuries and countries, as its primary texts. Next, we'll consider several of Edgar Allan Poe's stories (including "The Fall of the House of Usher," "The Tell-Tale Heart," "The Cask of Amontillado," and "Ligeia") in relation to each other and in the context of what a handful of twentieth-century critics have argued about them. Our third segment will focus on "the new Gothic": your final project, a research**

essay, will require you to identify a modern Gothic work in any medium—the possibilities include fiction, film, television, music, poetry, and visual media--and to develop your own argument about it in the context of contemporary critics' ideas.

Additional Course Attributes:

Attribute	Value(s)
Expository Sectioning	Expository Writing 20 Sectioning
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Expository Writing 20 Section: 259

Expository Writing 20 (116353)

Julia Hayden

2020 Spring (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: Department **Enrollment Cap:** 15

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **The Psychology of Success and**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **Who gets ahead in America? Why do some succeed while others fail? Given knowledge of someone's background or personal characteristics, can we predict if she will become successful? How do we account for the influence of various complex factors, including personality, family, and community? In this course, we will examine questions of success, failure, achievement, and identity viewed through the lens of current theories in psychology. We will begin by examining individual-level, person-centered theories of success with readings on grit, the growth mindset, and multipotentiality. Next, we will read Malcolm Gladwell's *Outliers: The Story of Success* alongside a longitudinal, ethnographic study of 12 American children and a seminal treatise on the role of race in the American classroom. As part of our broader inquiry into the environmental factors that impact success, we will explore how race, class, and familial wealth and resources affect children's lived experiences of childhood and, later, their chances of successfully getting into college. In the final unit of the course, students will answer the question, "What does it take to be successful at Harvard?" Students will select their own pop-science book on a self-help topic like willpower, motivation, happiness, or creativity, research the relevant academic literature, and create a written proposal with an accompanying short presentation to**

disseminate their findings. Throughout the course, we will use psychological theory to motivate questions and answers about human behavior in a society where the demand for success can be tantalizingly high and the fear of failure devastatingly relentless.Who gets ahead in America? Why do some succeed while others fail? Given knowledge of someone's background or personal characteristics, can we predict if she will become successful? How do we account for the influence of various complex factors, including personality, family, and community? In this course, we will examine questions of success, failure, achievement, and identity viewed through the lens of current theories in psychology. We will begin by examining individual-level, person-centered theories of success with readings on grit, the growth mindset, and multipotentiality. Next, we will read Malcolm Gladwell's *Outliers: The Story of Success* alongside a longitudinal, ethnographic study of 12 American children and a seminal treatise on the role of race in the American classroom. As part of our broader inquiry into the environmental factors that impact success, we will explore how race, class, and familial wealth and resources affect children's lived experiences of childhood and, later, their chances of successfully getting into college. In the final unit of the course, students will answer the question, "What does it take to be successful at Harvard?" Students will select their own pop-science book on a self-help topic like willpower, motivation, happiness, or creativity, research the relevant academic literature, and create a written proposal with an accompanying short presentation to disseminate their findings. Throughout the course, we will use psychological theory to motivate questions and answers about human behavior in a society where the demand for success can be tantalizingly high and the fear of failure devastatingly relentless.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
Expository Sectioning	Expository Writing 20 Sectioning
All: Cross Reg Availability	Not Available for Cross Registration

Expository Writing 20 Section: 260

Expository Writing 20 (116353)

Julia Hayden

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** 14

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **The Psychology of Success and**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the**

College's Expository Writing requirement.

Class Notes: **Who gets ahead in America? Why do some succeed while others fail? Given knowledge of someone's background or personal characteristics, can we predict if she will become successful? How do we account for the influence of various complex factors, including personality, family, and community? In this course, we will examine questions of success, failure, achievement, and identity viewed through the lens of current theories in psychology. We will begin by examining individual-level, person-centered theories of success with readings on grit, the growth mindset, and multipotentiality. Next, we will read Malcolm Gladwell's *Outliers: The Story of Success* alongside a longitudinal, ethnographic study of 12 American children and a seminal treatise on the role of race in the American classroom. As part of our broader inquiry into the environmental factors that impact success, we will explore how race, class, and familial wealth and resources affect children's lived experiences of childhood and, later, their chances of successfully getting into college. In the final unit of the course, students will answer the question, "What does it take to be successful at Harvard?" Students will select their own pop-science book on a self-help topic like willpower, motivation, happiness, or creativity, research the relevant academic literature, and create a written proposal with an accompanying short presentation to disseminate their findings. Throughout the course, we will use psychological theory to motivate questions and answers about human behavior in a society where the demand for success can be tantalizingly high and the fear of failure devastatingly relentless.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
Expository Sectioning	Expository Writing 20 Sectioning

Expository Writing 20 Section: ES01

Expository Writing 20 (116353)

Karen Heath

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** 9

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Expos Studio 20: The Successfu**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **What does the successful life consist of? Do we base our notions of success on careers and paychecks? On the impact we have on others? On where we go to college, or on the happiness we achieve? In this course, we will investigate the different definitions and assumptions we might hold about success. First, we will examine accounts of working in a variety of professions. What makes the work in that career meaningful? How do people measure success in these occupations? And what do people sacrifice for their success? Next, students will conduct original research to answer a question about success they're interested in, whether happening right here at Harvard or elsewhere. What, for example, predicts success in school, or in athletics and other extracurricular activities? What difference does a person's race, socioeconomic background, gender identity, culture, or religion make to their attaining success? What power do media images of success and failure have on people? What are potential barriers to success in a college or high school environment? When we look back at Harvard's own history, who fought to change institutional barriers to success and how, and what barriers might still remain? The course will also give students the opportunity to become more confident and skilled oral presenters; to create a final capstone project about their research; and to learn the art of writing an effective Job Cover Letter commonly required by employers for summer jobs, term-time positions, or employment after college.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
Expository Sectioning	Expository Writing Studio 20 Sectioning
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Expository Writing 20 Section: ES02

Expository Writing 20 (116353)

Thomas Jehn

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Department **Enrollment Cap:** 9

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Expos Studio 20: The Successfu**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **What does the successful life consist of? Do we base our notions of success on careers and paychecks? On the impact we have on others? On where we go to college, or on the happiness we achieve? In this**

course, we will investigate the different definitions and assumptions we might hold about success. First, we will examine accounts of working in a variety of professions. What makes the work in that career meaningful? How do people measure success in these occupations? And what do people sacrifice for their success? Next, students will conduct original research to answer a question about success they're interested in, whether happening right here at Harvard or elsewhere. What, for example, predicts success in school, or in athletics and other extracurricular activities? What difference does a person's race, socioeconomic background, gender identity, culture, or religion make to their attaining success? What power do media images of success and failure have on people? What are potential barriers to success in a college or high school environment? When we look back at Harvard's own history, who fought to change institutional barriers to success and how, and what barriers might still remain? The course will also give students the opportunity to become more confident and skilled oral presenters; to create a final capstone project about their research; and to learn the art of writing an effective Job Cover Letter commonly required by employers for summer jobs, term-time positions, or employment after college.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing Studio 20 Sectioning
All: Cross Reg Availability	Not Available for Cross Registration

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Expository Writing 20 Section: ES03

Expository Writing 20 (116353)

Vernon Davies

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Department **Enrollment Cap:** 10

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Expos Studio 20: The Successfu**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **What does the successful life consist of? Do we base our notions of success on careers and paychecks? On the impact we have on others? On where we go to college, or on the happiness we achieve? In this course, we will investigate the different definitions and assumptions we might hold about success. First, we will examine accounts of working in a variety of professions. What makes the work in that career**

meaningful? How do people measure success in these occupations? And what do people sacrifice for their success? Next, students will conduct original research to answer a question about success they're interested in, whether happening right here at Harvard or elsewhere. What, for example, predicts success in school, or in athletics and other extracurricular activities? What difference does a person's race, socioeconomic background, gender identity, culture, or religion make to their attaining success? What power do media images of success and failure have on people? What are potential barriers to success in a college or high school environment? When we look back at Harvard's own history, who fought to change institutional barriers to success and how, and what barriers might still remain? The course will also give students the opportunity to become more confident and skilled oral presenters; to create a final capstone project about their research; and to learn the art of writing an effective Job Cover Letter commonly required by employers for summer jobs, term-time positions, or employment after college.

Additional Course Attributes:

Attribute	Value(s)
Expository Sectioning	Expository Writing Studio 20 Sectioning
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
Course Search Attributes	Display Only in Course Search

Expository Writing 20 Section: ES04

Expository Writing 20 (116353)

Vernon Davies

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Department **Enrollment Cap:** 9

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Expos Studio 20: The Successfu**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **What does the successful life consist of? Do we base our notions of success on careers and paychecks? On the impact we have on others? On where we go to college, or on the happiness we achieve? In this course, we will investigate the different definitions and assumptions we might hold about success. First, we will examine accounts of working in a variety of professions. What makes the work in that career meaningful? How do people measure success in these occupations? And what do people sacrifice for their success? Next, students will conduct original research to answer a question about success they're**

interested in, whether happening right here at Harvard or elsewhere. What, for example, predicts success in school, or in athletics and other extracurricular activities? What difference does a person's race, socioeconomic background, gender identity, culture, or religion make to their attaining success? What power do media images of success and failure have on people? What are potential barriers to success in a college or high school environment? When we look back at Harvard's own history, who fought to change institutional barriers to success and how, and what barriers might still remain? The course will also give students the opportunity to become more confident and skilled oral presenters; to create a final capstone project about their research; and to learn the art of writing an effective Job Cover Letter commonly required by employers for summer jobs, term-time positions, or employment after college.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing Studio 20 Sectioning
Course Search Attributes	Display Only in Course Search
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Expository Writing 20 Section: ES05

Expository Writing 20 (116353)

Jonah Johnson

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: Department **Enrollment Cap:** 10

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Expos Studio 20: The Successfu**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **What does the successful life consist of? Do we base our notions of success on careers and paychecks? On the impact we have on others? On where we go to college, or on the happiness we achieve? In this course, we will investigate the different definitions and assumptions we might hold about success. First, we will examine accounts of working in a variety of professions. What makes the work in that career meaningful? How do people measure success in these occupations? And what do people sacrifice for their success? Next, students will conduct original research to answer a question about success they're interested in, whether happening right here at Harvard or elsewhere. What, for example, predicts success in school, or in athletics and other extracurricular activities? What difference does a person's race,**

socioeconomic background, gender identity, culture, or religion make to their attaining success? What power do media images of success and failure have on people? What are potential barriers to success in a college or high school environment? When we look back at Harvard's own history, who fought to change institutional barriers to success and how, and what barriers might still remain? The course will also give students the opportunity to become more confident and skilled oral presenters; to create a final capstone project about their research; and to learn the art of writing an effective Job Cover Letter commonly required by employers for summer jobs, term-time positions, or employment after college.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
Course Search Attributes	Display Only in Course Search
Expository Sectioning	Expository Writing Studio 20 Sectioning

Expository Writing 20 Section: ES06

Expository Writing 20 (116353)

Jane Rosenzweig

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** 9

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Expos Studio 20: The Successfu**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **What does the successful life consist of? Do we base our notions of success on careers and paychecks? On the impact we have on others? On where we go to college, or on the happiness we achieve? In this course, we will investigate the different definitions and assumptions we might hold about success. First, we will examine accounts of working in a variety of professions. What makes the work in that career meaningful? How do people measure success in these occupations? And what do people sacrifice for their success? Next, students will conduct original research to answer a question about success they're interested in, whether happening right here at Harvard or elsewhere. What, for example, predicts success in school, or in athletics and other extracurricular activities? What difference does a person's race, socioeconomic background, gender identity, culture, or religion make to their attaining success? What power do media images of success and failure have on people? What are potential barriers to success in a**

college or high school environment? When we look back at Harvard's own history, who fought to change institutional barriers to success and how, and what barriers might still remain? The course will also give students the opportunity to become more confident and skilled oral presenters; to create a final capstone project about their research; and to learn the art of writing an effective Job Cover Letter commonly required by employers for summer jobs, term-time positions, or employment after college.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
Expository Sectioning	Expository Writing Studio 20 Sectioning
All: Cross Reg Availability	Not Available for Cross Registration

Expository Writing 20 Section: ES07

Expository Writing 20 (116353)

Adrienne Tierney

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** 10

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Expos Studio 20: The Successfu**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **What does the successful life consist of? Do we base our notions of success on careers and paychecks? On the impact we have on others? On where we go to college, or on the happiness we achieve? In this course, we will investigate the different definitions and assumptions we might hold about success. First, we will examine accounts of working in a variety of professions. What makes the work in that career meaningful? How do people measure success in these occupations? And what do people sacrifice for their success? Next, students will conduct original research to answer a question about success they're interested in, whether happening right here at Harvard or elsewhere. What, for example, predicts success in school, or in athletics and other extracurricular activities? What difference does a person's race, socioeconomic background, gender identity, culture, or religion make to their attaining success? What power do media images of success and failure have on people? What are potential barriers to success in a college or high school environment? When we look back at Harvard's own history, who fought to change institutional barriers to success and how, and what barriers might still remain? The course will also**

give students the opportunity to become more confident and skilled oral presenters; to create a final capstone project about their research; and to learn the art of writing an effective Job Cover Letter commonly required by employers for summer jobs, term-time positions, or employment after college.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
Expository Sectioning	Expository Writing Studio 20 Sectioning
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration

Expository Writing 20 Section: ES08

Expository Writing 20 (116353)

Katie Baca

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: Department **Enrollment Cap:** 10

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Expos Studio 20: The Successfu**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **What does the successful life consist of? Do we base our notions of success on careers and paychecks? On the impact we have on others? On where we go to college, or on the happiness we achieve? In this course, we will investigate the different definitions and assumptions we might hold about success. First, we will examine accounts of working in a variety of professions. What makes the work in that career meaningful? How do people measure success in these occupations? And what do people sacrifice for their success? Next, students will conduct original research to answer a question about success they're interested in, whether happening right here at Harvard or elsewhere. What, for example, predicts success in school, or in athletics and other extracurricular activities? What difference does a person's race, socioeconomic background, gender identity, culture, or religion make to their attaining success? What power do media images of success and failure have on people? What are potential barriers to success in a college or high school environment? When we look back at Harvard's own history, who fought to change institutional barriers to success and how, and what barriers might still remain? The course will also give students the opportunity to become more confident and skilled oral presenters; to create a final capstone project about their research; and to learn the art of writing an effective Job Cover Letter commonly**

required by employers for summer jobs, term-time positions, or employment after college.

Additional Course Attributes:

Attribute	Value(s)
Course Search Attributes	Display Only in Course Search
FAS Divisional Distribution	None
Expository Sectioning	Expository Writing Studio 20 Sectioning
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Expository Writing 20 Section: ES09

Expository Writing 20 (116353)

Katie Baca

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** 10

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Expos Studio 20: The Successfu**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **What does the successful life consist of? Do we base our notions of success on careers and paychecks? On the impact we have on others? On where we go to college, or on the happiness we achieve? In this course, we will investigate the different definitions and assumptions we might hold about success. First, we will examine accounts of working in a variety of professions. What makes the work in that career meaningful? How do people measure success in these occupations? And what do people sacrifice for their success? Next, students will conduct original research to answer a question about success they're interested in, whether happening right here at Harvard or elsewhere. What, for example, predicts success in school, or in athletics and other extracurricular activities? What difference does a person's race, socioeconomic background, gender identity, culture, or religion make to their attaining success? What power do media images of success and failure have on people? What are potential barriers to success in a college or high school environment? When we look back at Harvard's own history, who fought to change institutional barriers to success and how, and what barriers might still remain? The course will also give students the opportunity to become more confident and skilled oral presenters; to create a final capstone project about their research; and to learn the art of writing an effective Job Cover Letter commonly required by employers for summer jobs, term-time positions, or employment after college.**

Additional Course Attributes:

Attribute	Value(s)
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing Studio 20 Sectioning
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Expository Writing 20 Section: ES10

Expository Writing 20 (116353)

Ryan Napier

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Department **Enrollment Cap:** 10

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Expos Studio 20: The Successfu**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **What does the successful life consist of? Do we base our notions of success on careers and paychecks? On the impact we have on others? On where we go to college, or on the happiness we achieve? In this course, we will investigate the different definitions and assumptions we might hold about success. First, we will examine accounts of working in a variety of professions. What makes the work in that career meaningful? How do people measure success in these occupations? And what do people sacrifice for their success? Next, students will conduct original research to answer a question about success they're interested in, whether happening right here at Harvard or elsewhere. What, for example, predicts success in school, or in athletics and other extracurricular activities? What difference does a person's race, socioeconomic background, gender identity, culture, or religion make to their attaining success? What power do media images of success and failure have on people? What are potential barriers to success in a college or high school environment? When we look back at Harvard's own history, who fought to change institutional barriers to success and how, and what barriers might still remain? The course will also give students the opportunity to become more confident and skilled oral presenters; to create a final capstone project about their research; and to learn the art of writing an effective Job Cover Letter commonly required by employers for summer jobs, term-time positions, or employment after college.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Course Search Attributes	Display Only in Course Search
FAS Divisional Distribution	None
Expository Sectioning	Expository Writing Studio 20 Sectioning

Expository Writing 20 Section: ES11

Expository Writing 20 (116353)

Ryan Napier

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: Department **Enrollment Cap:** 9

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Expos Studio 20: The Successfu**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **What does the successful life consist of? Do we base our notions of success on careers and paychecks? On the impact we have on others? On where we go to college, or on the happiness we achieve? In this course, we will investigate the different definitions and assumptions we might hold about success. First, we will examine accounts of working in a variety of professions. What makes the work in that career meaningful? How do people measure success in these occupations? And what do people sacrifice for their success? Next, students will conduct original research to answer a question about success they're interested in, whether happening right here at Harvard or elsewhere. What, for example, predicts success in school, or in athletics and other extracurricular activities? What difference does a person's race, socioeconomic background, gender identity, culture, or religion make to their attaining success? What power do media images of success and failure have on people? What are potential barriers to success in a college or high school environment? When we look back at Harvard's own history, who fought to change institutional barriers to success and how, and what barriers might still remain? The course will also give students the opportunity to become more confident and skilled oral presenters; to create a final capstone project about their research; and to learn the art of writing an effective Job Cover Letter commonly required by employers for summer jobs, term-time positions, or employment after college.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing Studio 20 Sectioning
All: Cross Reg Availability	Not Available for Cross Registration
Course Search Attributes	Display Only in Course Search
FAS Divisional Distribution	None

Expository Writing 20 Section: ES12

Expository Writing 20 (116353)

Mande Zecca

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: Department **Enrollment Cap:** 10

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Expos Studio 20: The Successfu**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **What does the successful life consist of? Do we base our notions of success on careers and paychecks? On the impact we have on others? On where we go to college, or on the happiness we achieve? In this course, we will investigate the different definitions and assumptions we might hold about success. First, we will examine accounts of working in a variety of professions. What makes the work in that career meaningful? How do people measure success in these occupations? And what do people sacrifice for their success? Next, students will conduct original research to answer a question about success they're interested in, whether happening right here at Harvard or elsewhere. What, for example, predicts success in school, or in athletics and other extracurricular activities? What difference does a person's race, socioeconomic background, gender identity, culture, or religion make to their attaining success? What power do media images of success and failure have on people? What are potential barriers to success in a college or high school environment? When we look back at Harvard's own history, who fought to change institutional barriers to success and how, and what barriers might still remain? The course will also give students the opportunity to become more confident and skilled oral presenters; to create a final capstone project about their research; and to learn the art of writing an effective Job Cover Letter commonly required by employers for summer jobs, term-time positions, or employment after college.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing Studio 20 Sectioning
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search

Expository Writing 20 Section: ES13

Expository Writing 20 (116353)

Mande Zecca

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Department **Enrollment Cap:** 9

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic: **Expos Studio 20: The Successfu**

Course Notes: **Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**

Class Notes: **What does the successful life consist of? Do we base our notions of success on careers and paychecks? On the impact we have on others? On where we go to college, or on the happiness we achieve? In this course, we will investigate the different definitions and assumptions we might hold about success. First, we will examine accounts of working in a variety of professions. What makes the work in that career meaningful? How do people measure success in these occupations? And what do people sacrifice for their success? Next, students will conduct original research to answer a question about success they're interested in, whether happening right here at Harvard or elsewhere. What, for example, predicts success in school, or in athletics and other extracurricular activities? What difference does a person's race, socioeconomic background, gender identity, culture, or religion make to their attaining success? What power do media images of success and failure have on people? What are potential barriers to success in a college or high school environment? When we look back at Harvard's own history, who fought to change institutional barriers to success and how, and what barriers might still remain? The course will also give students the opportunity to become more confident and skilled oral presenters; to create a final capstone project about their research; and to learn the art of writing an effective Job Cover Letter commonly required by employers for summer jobs, term-time positions, or employment after college.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
Expository Sectioning	Expository Writing Studio 20 Sectioning

Expository Writing 20 Section: ES14

Expository Writing 20 (116353)

Patricia Bellanca

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Department **Enrollment Cap:** 9

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Topic:	**Expos Studio 20: The Successfu**
Course Notes:	**Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.**
Class Notes:	**What does the successful life consist of? Do we base our notions of success on careers and paychecks? On the impact we have on others? On where we go to college, or on the happiness we achieve? In this course, we will investigate the different definitions and assumptions we might hold about success. First, we will examine accounts of working in a variety of professions. What makes the work in that career meaningful? How do people measure success in these occupations? And what do people sacrifice for their success? Next, students will conduct original research to answer a question about success they're interested in, whether happening right here at Harvard or elsewhere. What, for example, predicts success in school, or in athletics and other extracurricular activities? What difference does a person's race, socioeconomic background, gender identity, culture, or religion make to their attaining success? What power do media images of success and failure have on people? What are potential barriers to success in a college or high school environment? When we look back at Harvard's own history, who fought to change institutional barriers to success and how, and what barriers might still remain? The course will also give students the opportunity to become more confident and skilled oral presenters; to create a final capstone project about their research; and to learn the art of writing an effective Job Cover Letter commonly required by employers for summer jobs, term-time positions, or employment after college.**

Additional Course Attributes:

Attribute	Value(s)
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Primarily for Undergraduate Students
Expository Sectioning	Expository Writing Studio 20 Sectioning
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Expository Writing 40

Public Speaking Practicum (125227)

Marjorie Zohn

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking,

engaging with an audience, using the voice and body, and building confidence in oral expression.

Admission is by application only. See any of the Canvas sites for a link to the online application. Limited to 15 students per section (135 total).

Class Notes: **For directions to the Lowell House classrooms, please visit the FAS Registrar's website.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Expository Writing 40

Public Speaking Practicum (125227)

Marjorie Zohn

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking, engaging with an audience, using the voice and body, and building confidence in oral expression.

Admission is by application only. See any of the Canvas sites for a link to the online application. Limited to 15 students per section (135 total).

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Expository Writing 40 Section: 002

Public Speaking Practicum (125227)

David Carter

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking, engaging with an audience, using the voice and body, and building confidence in oral expression.

Admission is by application only. See any of the Canvas sites for a link to the online application. Limited to 15 students per section (135 total).

Class Notes: **Please visit the FAS Registrar's Office website for directions to the**

classrooms in Lowell House.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Expository Writing 40 Section: 002

Public Speaking Practicum (125227)

David Carter

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking, engaging with an audience, using the voice and body, and building confidence in oral expression.

Admission is by application only. See any of the Canvas sites for a link to the online application. Limited to 15 students per section (135 total).

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Expository Writing 40 Section: 003

Public Speaking Practicum (125227)

David Carter

2019 Fall (4 Credits) **Schedule:** TR 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking, engaging with an audience, using the voice and body, and building confidence in oral expression.

Admission is by application only. See any of the Canvas sites for a link to the online application. Limited to 15 students per section (135 total).

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Expository Writing 40 Section: 003

Public Speaking Practicum (125227)

David Carter

2020 Spring (4 Credits) **Schedule:** TR 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking, engaging with an audience, using the voice and body, and building confidence in oral expression.

Admission is by application only. See any of the Canvas sites for a link to the online application. Limited to 15 students per section (135 total).

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Expository Writing 40 Section: 004

Public Speaking Practicum (125227)

Katharine Clarke

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking, engaging with an audience, using the voice and body, and building confidence in oral expression.

Admission is by application only. See any of the Canvas sites for a link to the online application. Limited to 15 students per section (135 total).

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students

Expository Writing 40 Section: 004

Public Speaking Practicum (125227)

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and

delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking, engaging with an audience, using the voice and body, and building confidence in oral expression.

Admission is by application only. See any of the Canvas sites for a link to the online application. Limited to 15 students per section (135 total).

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Expository Writing 40 Section: 005

Public Speaking Practicum (125227)

Katharine Clarke

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking, engaging with an audience, using the voice and body, and building confidence in oral expression.

Admission is by application only. See any of the Canvas sites for a link to the online application. Limited to 15 students per section (135 total).

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Expository Writing 40 Section: 005

Public Speaking Practicum (125227)

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking, engaging with an audience, using the voice and body, and building confidence in oral expression.

Admission is by application only. See any of the Canvas sites for a link to the online application. Limited to 15 students per section (135 total).

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Expository Writing 40 Section: 006

Public Speaking Practicum (125227)

2019 Fall (4 Credits) **Schedule:** MW 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking, engaging with an audience, using the voice and body, and building confidence in oral expression.

Admission is by application only. See any of the Canvas sites for a link to the online application. Limited to 15 students per section (135 total).

Class Notes: **For directions to the Lowell House classrooms, please visit the FAS Registrar's website.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Expository Writing 40 Section: 006

Public Speaking Practicum (125227)

Phillip Montano

2020 Spring (4 Credits) **Schedule:** MW 0900 AM - 1100 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking, engaging with an audience, using the voice and body, and building confidence in oral expression.

Admission is by application only. See any of the Canvas sites for a link to the online application. Limited to 15 students per section (135 total).

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Expository Writing 40 Section: 007

Public Speaking Practicum (125227)

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking, engaging with an audience, using the voice and body, and building confidence in oral expression.

Admission is by application only. See any of the Canvas sites for a link to the online application. Limited to 15 students per section (135 total).

Class Notes: **For directions to the Lowell House classrooms, please visit the FAS Registrar's website.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Expository Writing 40 Section: 007

Public Speaking Practicum (125227)

Phillip Montano

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1100 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking, engaging with an audience, using the voice and body, and building confidence in oral expression.

Admission is by application only. See any of the Canvas sites for a link to the online application. Limited to 15 students per section (135 total).

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Expository Writing 40 Section: 008

Public Speaking Practicum (125227)

Zachary Stuart

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1100 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking, engaging with an audience, using the voice and body, and building confidence in oral expression.

Admission is by application only. See any of the Canvas sites for a link to the online application. Limited to

15 students per section (135 total).

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Expository Writing 40 Section: 008

Public Speaking Practicum (125227)

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking, engaging with an audience, using the voice and body, and building confidence in oral expression.

Admission is by application only. See any of the Canvas sites for a link to the online application. Limited to 15 students per section (135 total).

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Expository Writing 40 Section: 009

Public Speaking Practicum (125227)

Zachary Stuart

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking, engaging with an audience, using the voice and body, and building confidence in oral expression.

Admission is by application only. See any of the Canvas sites for a link to the online application. Limited to 15 students per section (135 total).

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Expository Writing 40 Section: 009

Public Speaking Practicum (125227)

2019 Fall (4 Credits)		**Schedule:**	TR 1200 PM - 0245 PM
Instructor Permissions:	Instructor	**Enrollment Cap:**	30

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking, engaging with an audience, using the voice and body, and building confidence in oral expression.

Admission is by application only. See any of the Canvas sites for a link to the online application. Limited to 15 students per section (135 total).

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Faculty of Arts and Sciences

Subject: Education

Education 300

Doctoral Research (210880)

2020 Spring (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

For School of Education doctoral students engaged in research.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Education 300

Doctoral Research (210880)

2019 Fall (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

For School of Education doctoral students engaged in research.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Education 301

Doctoral Teaching (210881)

2020 Spring (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

For School of Education doctoral students engaged in teaching.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Education 301

Doctoral Teaching (210881)

2019 Fall (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

For School of Education doctoral students engaged in teaching.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Education 302

Doctoral Independent Study (210882)

2020 Spring (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

For School of Education doctoral students engaging in independent study.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Education 302

Doctoral Independent Study (210882)

2019 Fall (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

For School of Education doctoral students engaging in independent study.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Folklore and Mythology

Subject: Folklore & Mythology

Folklore & Mythology 91R

Supervised Reading and Research (111646)

Lowell Brower

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instruction and direction of reading on material not treated in regular courses of instruction; special work on topics in folklore, mythology, and oral literature. Normally available only to concentrators in Folklore and Mythology.

Course Notes: **Applicants must consult the Chairman or the Head Tutor of the Committee. The signature of the Chairman or the Head Tutor is required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Folklore & Mythology 91R

Supervised Reading and Research (111646)

Lowell Brower

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instruction and direction of reading on material not treated in regular courses of instruction; special work on topics in folklore, mythology, and oral literature. Normally available only to concentrators in Folklore and Mythology.

Course Notes: **Applicants must consult the Chairman or the Head Tutor of the Committee. The signature of the Chairman or the Head Tutor is required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Folklore & Mythology 97

Fieldwork and Ethnography in Folklore (134893)

Lowell Brower

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 10

Introduces concentrators to the study of traditions - their performance, collection, representation and interpretation. Both ethnographic and theoretical readings serve as the material for class discussion and the foundation for experimental fieldwork projects.

Course Notes: **Required of all, and limited to, concentrators.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Folklore & Mythology 98A

History and Theory of Folklore and Mythology (115032)

Stephen Mitchell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Examines the development of folklore and mythology as fields of study, with particular attention to the methodological approaches suited to their areas of enquiry. Considers the study of folklore and mythology in the 19th and early 20th centuries, but focuses especially on theoretical contributions to the study of folklore, mythology, and oral literature in recent decades.

Course Notes: **Required of all, and limited to, concentrators.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Folklore & Mythology 98B

Tutorial - Junior Year (113346)

Lowell Brower

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Required of all concentrators. The signature of the Head Tutor or Chairman of the Committee on Degrees in Folklore and Mythology required. Normally taken in the second term of the junior year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Folklore & Mythology 98B

Tutorial - Junior Year (113346)

Lowell Brower

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Course Notes: **Required of all concentrators. The signature of the Head Tutor or Chairman of the Committee on Degrees in Folklore and Mythology required. Normally taken in the second term of the junior year.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Folklore & Mythology 99A

Tutorial - Senior Year (113480)

Lowell Brower

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Part one of a two part series.

Course Notes: **Required of all thesis writers. The signature of the Head Tutor or Chairman of the Committee on Degrees in Folklore and Mythology required.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Divisible Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Folklore & Mythology 99B

Tutorial - Senior Year (159922)

Lowell Brower

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Part two of a two part series.

Course Notes: **Required of all thesis writers. The signature of the Head Tutor or Chairman of the Committee on Degrees in Folklore and Mythology required.**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration

Folklore & Mythology 116

African Storytellers and Oral Traditions: Folklore and the Verbal Arts from Abidjan to Zanzibar (215723)

Lowell Brower

2020 Spring (4 Credits) **Schedule:** R 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

African Storytellers and Oral Traditions **introduces students to the pasts, presents, and futures of Africa's verbal arts, and to a vibrant cast of African storytellers, poets, performers, and artists engaged in various projects of meaning-making, tradition-bearing, connection-forging, and world-building. Exploring folktales, myths, legends, praise poems, proverbs, and songs -- as artistic texts, as situated performances, and as social acts -- this course attempts to do justice to the powers, potentials, politics, and poetics of African storytelling circa 2020. Organized thematically rather than temporally, this course seeks to trouble both the typical assumptions about "modern" vs. "traditional" expressive culture (as well as long-standing debates about "orality and literacy") by highlighting the coexistence and co-pollination of cattle songs and battle raps, trickster tales and Nollywood screenplays, sacred origin myths and neoliberal critiques, supernatural legends and human-rights testimony. Highlighting the relationship between communal storytelling performances, ancient oral traditions, and contemporary expressive texts, our course readings, discussions, and social engagement activities will amplify and illuminate the myriad forms of creative expression though which African storytellers are making their voices heard.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Folklore & Mythology 131

The Storyteller in Flight: Migrant Narratives, Refugee Camp Cultures, and the Arts of Displacement (213673)

Lowell Brower

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

What are the effects of displacement on tradition, storytelling, and cultural belonging? How does migration influence narration, creative expression, and imagination? What are the powers and potentials of artistic communication after existential rupture? What is the role of the storyteller in flight? This course explores expressive cultures *in motion, amid crisis,* and *out of place*, and asks how tradition bearers and creative innovators adapt when the communities in which their preexisting cultural practices had once flourished are destroyed, uprooted, transformed, or dispersed. It also asks how researchers, aid workers, activists, and other outsiders might engage in ethical and beneficial ways with individuals and communities in exile. In examining the impacts of forced migration on cultural production, transmission, and innovation, we will put classical theories of Refugee and Migration Studies in conversation with recent ethnographies and folklore collections, as well as memoirs, novels, songs, and films by and about displaced persons. With case studies ranging from colonial Africa, to post-war Europe, to contemporary America we will explore what, if anything, holds together "the refugee experience," while also interrogating our own neighborly obligations and scholarly commitments as we navigate what has famously been deemed "the century of the migrant." Course work will include analytic and creative projects as well as experiential learning opportunities. The social engagement option for this course will offer students the chance to investigate our course topics in collaboration with local community members.

Course Notes: **This course meets the requirements for the Humanities Distribution Requirement.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Folklore & Mythology 172

Quilts and Quiltmaking (127859)

Felicity Lufkin

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Are quilts the great American (folk) art? From intricately stitched whole-cloth quilts, to the improvisational patchworks of Gee's Bend; from the graphic simplicity of Amish quilts to the cozy pastels of depression-era quilts; from the Aids Quilt to art quilts; quilts have taken on extraordinary significance in American culture. This class surveys the evolution of quilt-making as a social practice, considering the role of quilts in articulations of gender, ethnic, class and religious identities, and their positions within discourses of domesticity, technology, consumerism, and cultural hierarchy.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Folklore & Mythology 176

Tattoo: Histories and Practices (161297)

Felicity Lufkin

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Tattooing has been practiced in many different social and cultural settings, in many different time periods, to different ends. In the United States, tattooing was long associated with marginalized and stigmatized groups, but since the 1970s, has become increasingly popular and even mainstream. This seminar style class will explore distinct regional histories of tattoo, the development of tattooing in the US, and the different ways that contemporary tattoo practitioners situate themselves historically and negotiate boundaries of race, class and gender. We will also consider tattoo as an art form that both invites and resists aesthetic judgments.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Folklore & Mythology 191R

Supervised Reading and Research (112816)

Lowell Brower

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Advanced reading in topics not covered in regular courses.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Folklore & Mythology 191R

Supervised Reading and Research (112816)

Lowell Brower

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Advanced reading in topics not covered in regular courses.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Freshman Seminars

Subject: Freshman Seminar

Freshman Seminar 21G

First Stars and Life in the Cosmos (108389)

Abraham Loeb

2020 Spring (4 Credits) **Schedule:** M 1200 PM - 0230 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Since the Universe is expanding, it must have been denser in the past. But even before we get all the way back to the Big Bang, there must have been a time when stars like our Sun did not exist because the Universe was denser than they are. Since stars are needed to keep us warm, we face the important question about our origins: how and when did the first stars form? Primitive versions of this question were considered by humans in religious and philosophical texts for thousands of years. The Seminar will summarize the fundamental principles and scientific ideas that are being used to address this question in modern cosmology. Eventually, the formation of stars like the Sun was accompanied by planets like the Earth on which life has emerged. When did life start in the cosmos and when will it all end? The Seminar will describe current plans to search for extraterrestrial life, including project "Starshot" which aims to visit the nearest stars within our lifetime and send close-up photos of their planets.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Freshman Seminar 21I

Evolution, Buddhism, and Ethics (109916)

John Wakeley

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Evolutionary genetics traces back to Darwin's (1859) idea of natural selection. Darwin provided a compelling theory about how species change due to competition in reproducing populations, yet it remains difficult to understand, particularly when applied to ourselves. To enable critical evaluation and discussion of ethical questions and to illustrate connections between science and Buddhism, about one third of this course will cover select details of evolutionary genetics. The focus will be on understanding human genetic variation. Buddhism originated with Siddhartha Gautama's enlightenment around 500 BCE, achieved after six years of intense devotion to the problem of human suffering. He emerged as the Buddha, or the Enlightened One, making the bold statement that suffering within each person results from misunderstanding the nature of one's self and its relationship to the ever-changing world. He outlined a program of analytical introspection and meditation, aimed at solving this problem. As with evolutionary genetics, critical evaluation and discussion of Buddhist ideas in this course will be fostered by learning the details of what the Buddha taught. Major points of overlap between evolutionary genetics and Buddhism

emerge in the ways they undermine appearances, deconstructing phenomena which at first appear wholly unbreakable. We will bring our knowledge of Buddhism to bear on ethical questions arising from genetic testing, the use of human embryos in research, and the prospects for human genetic engineering.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Freshman Seminar 21V

Black Holes, String Theory and the Fundamental Laws of Nature (109627)

Andrew Strominger

2019 Fall (4 Credits) **Schedule:** W 0600 PM - 0830 PM

Instructor Permissions: Instructor **Enrollment Cap:** 13

The quest to understand the fundamental laws of nature has been ongoing for centuries. This seminar will assess the current status of this quest. In the first five weeks we will cover the basic pillars of our understanding: Einstein's theory of general relativity, quantum mechanics and the Standard Model of particle physics. We will then examine the inadequacies and inconsistencies in our current picture, including for example the problem of quantum gravity, the lack of a unified theory of forces, Dirac's large numbers problem, the cosmological constant problem, Hawking's black hole information paradox, and the absence of a theory for the origin of the universe. Attempts to address these issues and move beyond our current understanding involve a network of intertwined investigations in string theory, M theory, inflation and non-abelian gauge theories and have drawn inspiration from the study and observation of black holes, gravitational waves and developments in modern mathematics. These forays beyond the edge of our current knowledge will be reviewed and assessed.

Recommended Prep: **Prerequisites: High school level calculus and physics.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Freshman Seminar 21W

Research at the Harvard Forest: Global Change Ecology-Forests, Ecosystem Function, the Future (112349)

David Foster

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 11

Global change ecology is the line of scientific inquiry that integrates the responses of organisms, ecosystems, and their environments with changes in human activity and climate. This seminar will focus on state-of-the-art research, tools, and measurements used in evaluating and anticipating global change through ongoing studies at the Harvard Forest's 3,500-acre outdoor laboratory in Petersham, MA. Students will explore the key role that forests play in climate control and develop the necessary skills to present and discuss the ecological evidence for past and future global change. The seminar consists of four weekend-long field trips (Friday evening-Sunday) to the Harvard Forest, where students will visit various long-term ecological experiments, use long-term and real-time datasets to understand biosphere-atmosphere interactions, and discuss key scientific findings. The course will highlight integrated faculty studies of land-use history, forest dynamics, atmospheric exchange of carbon and water, plant phenology, invasive plants and pests, and the impacts of climatic warming on complex ecosystems. Transportation, accommodations, and meals at the Harvard Forest will be provided. A final, on-campus mini-symposium will give students an opportunity to present what they have learned in a public forum.

Course Notes: **The seminar consists of four weekend-long field trips (Friday evening-Sunday) to the Harvard Forest, dates TBA. Transportation, accommodations, and meals at the Harvard Forest will be provided at no cost to the student.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 22C

Psychoactive Molecules from Babylon to Breaking Bad (159838)

Jon Clardy

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Psychoactive molecules change brain function in ways that result in altered perception, mood, or consciousness, and while *psychoactive* hints at something illicit, these molecules are also useful or potentially useful treatments for pain, depression, and PTSD among others. After an introductory session, the seminar begins with two meetings focused on synapses and neurotransmitters. Subsequent meetings begin with opioids and cannabinoids that indirectly influence important neurotransmitters with case studies involving heroin, heroin derivatives like Oxycontin and Narcan, and synthetic opioids like fentanyl. The cannabinoid meetings will deal with THC and anandamide, our body's own cannabinoid. The next few meetings will focus on the monoamines including both the monoamine neurotransmitters dopamine, serotonin, and norepinephrine as well as their synthetic mimics like amphetamine, methamphetamine, and ketamine. The final meetings will focus on psychedelics (mescaline, LSD, and psilocybin) and designer drugs. The seminars are discussion based and cover wide-ranging issues. For example the seminars on opioids also explore our brain's reward system; the nature of addiction; the connection between opioids, alcohol abuse, and genes; the connection between opioid sensitivity and human bonding; and the 'opioid epidemic'.

Recommended Prep: **A familiarity with some basic concepts in biology and chemistry will be helpful but by no means essential.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Freshman Seminar 22D

Time for Sleep: Impact of sleep deficiency and circadian disruption in our 24/7 Culture (159839)

Charles Czeisler

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0530 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

America is a sleep-starved nation. The Institute of Medicine estimates that between 50 and 70 million Americans are suffering from chronic sleep deficiency or sleep disorders, increasing their risk of weight gain, heart ailments, mood disorders, errors and catastrophic road accidents that kill more than 7,000 and maim more than 50,000 Americans annually. Children of all ages are sleeping about two hours less per night than they did in prior generations, rendering them hyperactive and irritable and compromising their ability to sustain attention and learn in school. This hyperactivity leads many sleep-deprived children to be misdiagnosed with ADHD and treated for years with amphetamines and other stimulants that further disrupt sleep. Yet, prevailing cultural attitudes lead us all to undervalue sleep and lionize all-nighters, such that most patients with sleep disorders remain undiagnosed and untreated. This seminar will explore the function of sleep, the physiologic factors that regulate sleep and circadian rhythms, the impact of exposure to artificial light on sleep and circadian rhythms, historical and cultural differences in sleep habits, and the consequences of sleep deficiency, circadian disruption and sleep disorders on both the brain and the body. Public policy issues, such as school start times, limits on resident physician work hours, drowsy driving laws, and proposed regulations to screen transportation workers for sleep disorders will be debated. Students will be encouraged to track their own sleep patterns throughout the semester, identify the personal, structural and cultural barriers to maintaining healthy sleep while in college, and propose strategies to improve sleep health at Harvard College, the local community and the nation.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Freshman Seminar 22H

My Genes and Cancer (159990)

Giovanni Parmigiani

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

The role of a person's genetic background in determining whether he or she will develop cancer, and when, is at the center of public discussions and active scientific investigations. Already, one's genetic

background is used in making life-altering health decision aimed at preventing the occurrence of cancer, as was recently the case with actor Angelina Jolie. This seminar will explore the extent to which current scientific knowledge can inform this type of decisions. The goals is to gain enough understanding of the scientific background to critically evaluate the discourse of a genetic counseling session. The course will proceed at first by laying essential foundations of genetic inheritance in humans; cancer evolutionary theories; statistical risk; and decision-making in health care. Subsequently student will read articles from the scientific and popular press, and listen to podcasts. In class we will discuss the readings. There is a good deal of reading and listening, which everyone is expected to do ahead of class. Students can expect readings in genetics and statistics that will stretch them, though it will not always be necessary to understand all the technical details of every paper. Students can also expect to read opinion pieces with which they (as well as I) may disagree. Students will be required to present summaries of the assigned readings, and lead class discussions. They will also be required to write one 5-page double spaced essays at the end of the class, and to lead a class discussion on the topic of their papers. A typical paper is the critique of a scientific or popular press article, chosen from a list of suggested options or identified independently by the student, with my approval, during the first seven weeks of classes. Attendance is essential, not only for the students' education, but for the benefit their contributions provide to the others.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Freshman Seminar 22I

The Science of Sailing (123658)

Jeremy Bloxham

2019 Fall (4 Credits) **Schedule:** M 0600 PM - 0800 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Explores the application of simple physics to various natural phenomena associated with sailing. Topics addressed range from hydrostatics (e.g. why do boats float?) to meteorology (e.g. why do sea breezes veer during the afternoon?). Explores in depth the generation of lift and drag by the flow of air over sails and the flow of water over keels and rudders, examining critically the numerous incorrect explanations in the popular literature.

Course Notes: **Open to Freshmen only.**

Recommended Prep: **Participants in this seminar should have a good high school physics background and have some knowledge of sailing.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 22M Section: 1

The Amazing Brain (123659)

John Dowling

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

What makes us human and unique among all creatures is our brain. Perception, consciousness, memory, learning, language, and intelligence all originate in and depend on the brain. The brain provides us with wondrous things, from mathematical theories to symphonies, from automobiles and airplanes, to trips to the moon. But when it goes awry, we are undone. **(From "Understanding the Brain")**

This seminar will be an introduction to our present understanding of neural and brain function. It is designed for students not planning to concentrate in neuroscience, but who enjoy science and are curious about the brain. We will read from my recently published book "Understanding the Brain: From Cells to Behavior to Cognition that is accessible to anyone with a high school science background. Each chapter begins with a vignette, usually about a neurodegenerative or other brain disorder that is then explained further in the chapter.

Course Notes: **The class will run only 2 hours within the time block. Professor Dowling especially invites those students who are not planning to concentrate in neurobiology or a natural science to join the seminar.**

Recommended Prep: **High school science**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 22S

Quantum Mechanics Face to Face (160193)

Melissa Franklin

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0530 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This course is for students who would like to be introduced to the ideas of quantum mechanics without the rigor of mathematics but who would be interested in learning by demonstration as well as spoken word and picture. We will be guided by a non-mathematical text Introducing Quantum Theory, read short pieces by the creators of quantum theory, including Bohr, EInstein, Hesienberg and Schrodinger, and each week watch and play with physics demonstrations of wave and particle physics. This course requires reading, watching short films, watching demonstrations in the lab and visiting places at the university where quantum mechanics is used on a daily basis.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 22T

Why We Animals Sing (108564)

Brian Farrell

2020 Spring (4 Credits) **Schedule:** R 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 11

We do not sing alone. On land, four kinds of animals produce songs or calls: birds, frogs, mammals, and insects. Some of these (and fish) also do so underwater. The principal sounds such animal species make are signaling behaviors directly related to mating success. They are of individuals, usually males, marking territories, and wooing mates. However, in any one location, species may also compete with one another for occupation of acoustic space (that is, for bandwidth) and otherwise optimize their sound signals to features of their environment. We will explore these topics and others as we listen to and read about each of the various kinds of singers on earth, the biology of their sound production and reception, and the ways they attract mates while avoiding becoming meals for eavesdropping predators. We will listen to many different kinds of acoustic signalers across a wide array of acoustic communities in tropical and temperate settings, both terrestrial and aquatic, and we will examine sound spectra on a large screen as we listen and slow down and isolate sounds to help distinguish their parts. Finally, we will consider the biology and evolution of music in humans, considering evidence from brain studies, archaeology and anthropology, and the music of indigenous peoples. We will look at music parallels in different kinds in animals of other species. There will be field trips to listen to and record assemblages of local species. The overall objective is to awaken the students' sense, understanding, and appreciation of the acoustic environment from which we come, and the role of this environment in shaping human biology and culture. There is a fair bit of reading required in preparation for weekly discussions. Accordingly, participation will be expected for discussion of the readings and listening experiences.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Freshman Seminar 23C

Exploring the Infinite (160198)

Peter Koellner

2019 Fall (4 Credits) **Schedule:** W 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Infinity captivates the imagination. A child stands between two mirrors and sees herself reflected over and

over again, smaller and smaller, trailing off to infinity. Does it go on forever? … Does anything go on forever? Does life go on forever? Does time go on forever? Does the universe go on forever? Is there anything that we can be certain goes on forever? ... It would seem that the counting numbers go on forever, since given any number on can always add one. But is that the extent of forever? Or are there numbers that go beyond that? Are there higher and higher levels of infinity? And, if so, does the totality of all of these levels of infinity itself constitute the highest, most ultimate, level of infinity, the absolutely infinite? In this seminar we will focus on the mathematical infinite. We will start with the so-called "paradoxes of the infinite", paradoxes that have led some to the conclusion that the concept of infinity is incoherent. We will see, however, that what these paradoxes ultimately show is that the infinite is just quite different than the finite and that by being very careful we can sharpen the concept of infinity so that these paradoxes are transformed into surprising discoveries. We will follow the historical development, starting with the work of Cantor at the end of the nineteenth century, and proceeding up to the present. The study of the infinite has blossomed into a beautiful branch of mathematics. We will get a glimpse of this subject, and the many levels of infinity, and we will see that the infinite is even more magnificent than one might ever have imagined.

Course Notes: **For First-Year students only.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Freshman Seminar 23H

Anatomy and Ethical Transgressions in National Socialist (Nazi) Germany (160215)

Sabine Hildebrandt

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This seminar introduces students to the history and ethics of anatomy, and their relevance for current questions in medicine concerning the human body in life and death. The story of anatomy in National Socialist (NS or Nazi) Germany is an example of ethical transgressions in the anatomical sciences and reveals the complex relationship between anatomists and the Nazi regime. The historic causes of this development will be explored by examining the roots of the biologistic NS ideology in the connections between anatomy, physical anthropology, the global eugenics movement and German racial hygiene. Many anatomists became members of the NS party, while others were persecuted for so-called "racial" and political reasons. An examination of the history of anatomical body procurement from ancient Greece to the 21st century demonstrates the changes of the traditional sources of bodies for anatomical dissection under NS rule, resulting in the use of many bodies of NS victims for anatomical purposes. Anatomical research changed with the exploitation of the rising number of bodies of executed men and women. Case studies of the work of individual anatomists reveal a gradual shift in the paradigm of anatomy. A few anatomists left the traditional paradigm-—i.e. the gain of anatomical knowledge through work with the dead—in favor of a new paradigm—i.e. work with the "future dead" —in human experiments on prisoners who were subsequently murdered. Ultimately, anatomists became complicit with the government through their role in the complete destruction of the perceived "enemies" of the NS regime.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Freshman Seminar 23K

Insights from Narratives of Illness (117969)

Jerome Groopman

2020 Spring (4 Credits) **Schedule:** M 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

A physician occupies a unique perch, regularly witnessing life's great mysteries: the miracle of birth, the perplexing moment of death, and the struggle to find meaning in suffering. It is no wonder that narratives of illness have been of interest to both physician and non-physician writers. This seminar will examine and interrogate both literary and journalistic dimensions of medical writing. The investigation will be chronological, beginning with "classic" narratives by Tolstoy, Chekhov, and Kafka, and then moving on to more contemporary authors such as William Carlos Williams, Richard Selzer, Oliver Sacks, Susan Sontag, and Philip Roth. Controversial and contentious subjects are sought in these writings: the imbalance of power between physician and patient; how different religions frame the genesis and outcome of disease; the role of quackery, avarice, and ego in molding doctors' behavior; whether character changes for better or worse when people face their mortality; what is normal and what is abnormal behavior based on culture, neuroscience, and individual versus group norms. The presentation of illness in journalism will be studied in selected readings from the *New York Times'* and *Boston Globe*'s Science sections, as well as periodicals like the *New Yorker*, *The New York Review of Books*, *Harper's*, and the *Atlantic Monthly*. The members of the seminar will analyze how the media accurately present the science of medicine or play to "pop culture." The seminar will study not only mainstream medical journalists, but so called alternative medical writers such as Andrew Weil and celebrity health voices like Gwyneth Paltrow. Patients with different diseases will be invited to speak to the members of the seminar about their experiences. Students will try their hands at different forms of medical writing, such as an editorial on physician-assisted suicide that would appear in a newspaper and a short story that describes a personal or family experience with illness and the medical system.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Freshman Seminar 23P

Physics, Math and Puzzles (109319)

C. Vafa

2019 Fall (4 Credits) **Schedule:** R 0600 PM - 0800 PM

Instructor Permissions: Instructor **Enrollment Cap:** 17

Physics is a highly developed branch of science with a broad range of applications. Despite the complexity of the universe the fundamental laws of physics are rather simple, if viewed properly. This seminar will focus on intuitive as well as mathematical underpinnings of some of the fundamental laws of nature. The seminars will use mathematical puzzles to introduce the basic features of physical laws. Main aspects discussed include the role of symmetries as well as the power of modern math, including abstract ideas in topology, in unraveling the mysteries of the universe. Examples are drawn from diverse areas of physics including string theory. The issue of why the universe is so big, as well as its potential explanation is also discussed.

Recommended Prep: **This seminar is recommended for students with a strong background in both math and physics and with keen interest in the relation between the two subjects.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Freshman Seminar 23R

Asteroids and Comets (161261)

Charles Alcock

2020 Spring (4 Credits) **Schedule:** M 0600 PM - 0815 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Comets have been seen regularly since before the beginning of recorded history. They have often been regarded as disturbing portents. Asteroids, on the other hand, were not discovered until the 19th century, with the advent of astronomy with telescopes. Today we know of many more asteroids than comets, but we believe that there are vastly more comets than asteroids in the solar system.
This seminar will start with the history of the study of comets and asteroids, including the "Great March Comet of 1843", observations of which led to the establishment of the Harvard College Observatory and its Great Refractor, at that time the largest telescope in the Americas. Our understanding of comets advanced dramatically in 1950 with the publication of two extraordinary papers: Whipple (then at Harvard) described the mixture of dust and ice that comprises the nuclei of comets, and Oort (Leiden University) showed that new comets enter the inner solar system from a vast, diffuse cloud surrounding the planetary system. Modern telescopes and spacecraft encounters provide us today with a wealth of information about comets and asteroids. We will examine these observations and learn what is known and what is inferred about the origin and structure of asteroids and comets. The students will observe with the Astronomy Laboratory's Clay Telescope on the roof of the Science Center. Students will take on projects, which may involve their own observing program, or which exploit existing data.

Course Notes: **The seminar will make use of the Clay Telescope on the roof of the Science Center. There may also be a trip to the Observatory at 60 Garden Street to visit the Great Refractor.**

Recommended Prep: **AP calculus or equivalent.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Freshman Seminar 23S

The Seven Sins of Memory (117972)

Daniel Schacter

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

How do we remember and why do we forget? Can we trust our memories? How is memory affected by misinformation such as "fake news"? Do smartphones and the Internet help our memories or hurt them? Are traumatic experiences especially well remembered or are they poorly remembered? What are the best ways to study for exams? This seminar will address these and other questions related to the fallibility of memory by considering evidence from studies of healthy people with normal memories, brain-damaged patients who show dramatic forgetting or striking memory distortions, and neuroimaging studies that reveal brain regions and networks that are linked to memory. The framework for the seminar is provided by the idea that the misdeeds of memory can be classified into seven basic "sins". Three of the memory sins refer to different kinds of forgetting (transience, absent-mindedness, and blocking), three refer to different kinds of distortions or false memories (misattribution, suggestibility, and bias) and the final sin refers to intrusive recollections (persistence). We will consider how the memory sins impact everyday life and discuss the possibility that they can be conceptualized as by-products of adaptive features of memory, rather than as flaws in the system or blunders made by Mother Nature during evolution. Relatedly, we will also discuss the interplay between remembering past experiences and imagining future experiences, which provides clues regarding the nature and fallibility of memory.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 23Y

All Physics in 13 Days (127972)

John Doyle

2019 Fall (4 Credits) **Schedule:** R 0600 PM - 0845 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

Some claim that there are 13 ideas or principles that can form the bedrock for a pretty good understanding of our physical and technological world. These are: 1) Boltzmann factor and thermal equilibrium, 2) Turbulence, 3) Reaction rates, 4) Indistinguishable particles, 5) Quantum waves, 6) Linearity, 7) Entropy and information, 8) Discharges, ionization, 9) Relativity, 10) Nuclear binding energies, 11) Photon modes, 12)

Diffraction, 13) Resonance. Each week we will discuss one of these principles and see how they explain certain things about the physical world. We will discuss these and connections with other principles, as well as how the principle shows up in technology and, more broadly, in our technological society.

Course Notes: **The course will run for 2 hours within the time block.**

Recommended Prep: **Please note that this seminar will be geared to students likely to go on in physics or related areas, such as chem/phys or engineering. The introduction to certain principles is done with the expectation that students will return to a more formal course on the subject in the future. This course acts as a kind of road map for further studies in physics. Topics may change.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 24G

A Brief History of Surgery (127976)

Frederick Millham

2019 Fall (4 Credits) **Schedule:** R 0600 PM - 0845 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

The history of surgery begins with the Hippocratic physicians whose principles were based, at least partly, on observation and measurement. However, surgical thinking for first three quarters of the "modern era" was dominated by Galen of Pergamum who, "fooled by his monkeys," established a school thought as false as it was tightly held. The exposure of Galen's errors by Vesalius in 1543 and Harvey in 1628 began a Medical Enlightenment. It would take until the 19th century for the next era of discovery to begin. During this time, the pace and significance of medical discovery increase, yet adoption of good ideas, like antisepsis, seems to take much too long, while bad ideas find adherents in spite of poor or no supporting evidence. Throughout this period, the ghost of Galen continues to haunt hospitals and battlefields. It will not be until the 1930's that Galenism is banished from the wards. Our study will track this history and conclude with a consideration of the management of combat casualties from the time of the first "modern" surgeon, Ambrose Pare, to that of contemporary forward surgical teams in Afghanistan and Iraq. The seminar will consist of weekly discussion, informed by assigned reading and independent inquiry. We will visit the site of the first use of ether anesthesia, and duplicate William Harvey's experiments in the anatomy lab. From time to time we will be joined by other doctors with expertise in specific areas such as infectious disease, combat surgery and anatomy.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Freshman Seminar 24K

The Surprising Science of Happiness (128118)

Nancy Etcoff

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

After a century of studying how to cure mental illness, scientists have started to explore what makes us happy. What have they discovered? In this course, we will critically examine the findings from the new science of happiness, including research in cognitive science, evolutionary biology, psychology, and neuroscience and reveal how this work alters our understanding of what happiness is, the optimal ways to achieve and increase it, the role of circumstance in its occurrence, its effect on our physical health, and its place in human nature. We will consider the notion of a biologically determined "hedonic set point," and question whether there are people who "have started in life with a bottle or two of champagne inscribed to their credit; whilst others seem to have been born close to the pain threshold," as William James noted over a century ago. We will examine how the brain's reward circuitry generates feelings of pleasure, desire, comfort and craving, and the ways it propels us to achieve biologically significant goals. Among the questions we will consider are: What is happiness for? Can one make oneself happier by conscious effort? What are some of the myths about happiness? Finally, is happiness a worthy goal for one's life? Highlighting the most rigorous and promising work in this field, we will attempt to construct a "happiness toolkit." The course will be didactic, interactive and experiential and provide an introduction to a burgeoning field of scientific inquiry.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Freshman Seminar 24N

Child Health in America (119619)

Judith Palfrey

Sean Palfrey

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0530 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

How can American health care be improved for children? How a nation cares for its children's health is often considered a measure of its commitment to the general citizenry and to its future. The members of the seminar will review together the history of children's health and health care in the United States, exploring the impact of geography, environment, nutrition, clean water, as well as of the scientific discoveries of the late 19th century and the early 20th century and the emergence of the high technology care of the middle and late 20th century. Then they will pose the question, "Does America provide children and youth the best possible health care available in the 21st century?" To approach this question, students will analyze the current causes of illness, disability and death among U.S. children and youth and compare United States epidemiology with that of other developed and developing nations. Students will also explore how child health delivery is financed.

Course Notes: **The seminar will meet at Oaktel (the temporary residence for Adams House during the renovations), 1201 Massachusetts Ave, Stone Soup Room.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Freshman Seminar 24U

"How Did I Get Here?"—Appreciating "Normal" Child Development (128122)

Laura Prager

2020 Spring (4 Credits) **Schedule:** T 0345 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Understanding "normal" growth and development may seem like a relatively easy task at first. We take the nuances of developmental differences for granted because we're so accustomed to experiencing them. Nevertheless, defining normal (versus abnormal) development is a complex and controversial task. Development involves a tricky intermingling of environmental stimuli, cultural and social expectations, rapid and not always intuitive changes in brain development, temperamental differences, genetic inheritance, and mind-boggling brain plasticity. The course will start with a consideration of general themes and then move to a chronologic perspective. First, we approach child development as a dynamic force, one which simultaneously engages multiple domains: social/relational, cognitive, physical, moral. We will then switch to examine stages of development in sequence, using our understanding of neurobiological, physical, cultural, and psychological factors to inform our assessment of how children change over time. Readings will include classic papers on development, textbook chapters that provide overviews of specific developmental stages, recently published research articles on genetic inheritance, selected contemporary children's and young adult literature, personal memoirs, and short stories written about childhood.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Freshman Seminar 25N

Finding Connections: Perspectives on Psychological Development and Mental Illness (122458)

Nancy Rappaport

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 13

The seminar's challenge will be to deepen our understanding of human development and how individuals

cope with serious emotional or social difficulties (neglect, bipolar disorder, autism, depression, schizophrenia). We will use multiple perspectives: medical observations and texts that provide practical knowledge (e.g. The New England Journal of Medicine review articles), narrative readings to understand how patients experience the meaning of illness from the inside out (e.g. The Center Cannot Hold), visitors who will discuss their experience with mental illness, and how development-related mental illness is portrayed in the press (e.g. The New Yorker articles). We will start with the mental life of babies and how scientists interpret infants' nonverbal ways of finding safety and security. This begins the journey of our understanding fundamental needs for tenderness, holding, and making meaning. Understanding how conditions such as autism, depression, and schizophrenia are described in clinical research and literature will help us to appreciate the biological vulnerabilities and relational patterns that may disrupt the human connection. We will examine the resourcefulness required for both fragility and resiliency. Throughout the seminar, the instructor, as a practicing child and adolescent psychiatrist, will bridge the gap between research findings, clinical applications, and everyday insight.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Freshman Seminar 26J

The Universe's Hidden Dimensions (121549)

Lisa Randall

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This seminar will give an overview and introduction to modern physics and cosmology. As with the books, *Warped Passages*, *Knocking on Heaven's Door*, *Higgs Discovery*, and *Dark Matter and the Dinosaurs*, on which it will be loosely based, the seminar will consider important developments in physics today and in the last century. We will consider the revolutionary developments of quantum mechanics and general relativity; and will investigate the key concepts which separated these developments from the physical theories which previously existed. We will then delve into modern particle physics and cosmology and how theory and experiment culminated in the "Standard Model of particle physics" which physicists use today as well as the current cosmological model based on the Big Bang theory and inflation. We will also move beyond the standard theories into more speculative arenas, including supersymmetry, string theory, and theories of extra dimensions of space, as well as ideas about the nature of dark matter. We will consider the motivations underlying these theories, their current status, and how we might hope to test some of the underlying ideas in the near future.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 26K

Transformative Ideas in Brain Science: War, technology, and disease pioneered discovery (156450)

Jeffrey Macklis

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 14

This seminar will offer an integrated historical-neurobiological-neurological introduction to foundational and transformative ideas in the ~3,700-year history of brain science, neuroscience, and "lay" neurology—all accessible to freshmen with interests from neuroscience and (molecular, developmental, organismic, evolutionary, or regenerative) biology to history and philosophy of science to neuroeconomics and medicine. No background will be assumed. Rather, a series of historical vignettes and sources will be tied to modern understanding of elements of the nervous system, its organization, function, and modes of investigation and manipulation. Selected historical contexts, often involving war, disease, serendipity, and technology advancement, will be highlighted as advancing knowledge in surprising ways. An inter-disciplinary approach will benefit from each student bringing insights from their own reading of primary source and history of science texts, to be added to in-session discussion, with moderation and direction from me (JDM). We will visit a number of the Harvard Collections and museums, including Comparative Zoology, Herbaria, History of Science, the HMS Warren Anatomical Museum collection (Phineas Gage's skull and railroad tamping rod), the Harvard collection of historical scientific instruments (advances in microscopy, electrical measurement, e.g.), and the state-of-the-art Center for Brain Science imaging facility, providing context.

Course Notes: **No background with this material will be assumed.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Freshman Seminar 26Z

What Is Life? (156181)

Guido Guidotti

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This seminar will consider the conditions of a cell necessary to support life. The central questions are: what are the principal constituents of the cell, what is the role of water in cellular activities, what determines the size of a cell, what are the consequences of crowding of the components of the cell, what is the role of diffusion in biological interactions, what is the energy currency of the cell, what are the critical reactions that provide energy for the cell, how does the cell evade the requirement for an increase in entropy for a spontaneous process. The proposal is to find a definition for a living system using information and principles of biology, chemistry and physics. Answers to the central questions may allow an understanding

of the size of prokaryotic and eukaryotic cells, of the ionic composition of the cell cytoplasm, and of the involvement of molecular interactions and complementarity in cellular processes.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Freshman Seminar 30Q

Death and Immortality (110425)

Cheryl Chen

2019 Fall (4 Credits) **Schedule:** W 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

In this seminar, we will discuss philosophical questions about death and immortality. What is death? Is there a moral difference between "brain death" and the irreversible loss of consciousness? Is the classification of a person as dead a moral judgment, or is it an entirely scientific matter? Is death a misfortune to the person who dies? How can death be a misfortune if you are no longer around to experience that misfortune? Is it possible to survive after death? What does it mean for you to survive after your death? Is there such a thing as an immaterial soul distinct from your body? Is immortality something you should want in the first place? Even if you do not live forever, is it nevertheless important that humanity continues to exist after your death? By discussing these questions about death, we will hopefully gain insight about the importance and meaning of life.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Freshman Seminar 31D

Nietzsche (159736)

Mathias Risse

2019 Fall (4 Credits) **Schedule:** T 0600 PM - 0845 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Friedrich Nietzsche addresses some of the big questions of human existence in a profoundly searching but often disturbing manner that continues to resonate with many. Hardly any philosopher (except Karl Marx) has exercised such a far-reaching and penetrating impact on intellectual life in the last 150 years or so. He has influenced thinkers and activists across the political spectrum. Nietzsche has always been of special interest to young people who have often appreciated the irreverence and freshness of his thought, as well

as the often very high literary quality of his writing. In this course, we explore Nietzsche's moral and political philosophy with emphasis on the themes he develops in his best-known and most accessible work, The Genealogy of Morality. The best-known themes from this book include the slave rebellion in morality, ressentiment, bad conscience, and ascetic ideals. However, we also read several other of Nietzsche's works, and do so chronologically (except that we begin with his auto-biography, Ecce Homo, which Nietzsche wrote briefly before his mental collapse in 1889). The others works include The Birth of Tragedy, The Gay Science, Beyond Good and Evil, and The Antichrist. We do not read any secondary literature, though the instructor will recommend such literature as appropriate. The point is to become familiar with Nietzsche's writings themselves and to engage with his thought.

Course Notes: **The seminar will meet for 2 hours within the time block.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 31E

Magic and Other Virtual Realities (109471)

Shigehisa Kuriyama

2019 Fall (4 Credits) **Schedule:** T 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This seminar explores our remarkable propensity, as human beings, to respond viscerally to simulacra of realities as if they were real—even though we know, intellectually, that they aren't. Think of how movies make us laugh and cry, even though we know that they are just fleeting images on a screen. Think of how colored pills can dissolve our pains, even after we learn that they are not "real" medicines, but mere placebos. And think of the hypnotic spell cast by certain clumps of metal and strips of paper, just because we imagine them as "money."

What makes virtual realities so powerful? And what does their enormous sway reveal about our hearts and minds? The seminar will open by dissecting how magicians craft convincing illusions, and then go on to study virtuality in comics, religious rituals, economics, movies, and medicine—as well as, of course, in computer-generated VR. The class will involve regular hands-on activities: in addition to reading theories of how virtual realities work, we will also experiment with practical applications, including the design of astounding magic tricks, and the use of sound to shape what the eyes see.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Freshman Seminar 31J

Skepticism and Knowledge (121901)

Catherine Elgin

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

What can we know; how can we know it? Can I know that I am not a brain in a vat being manipulated into thinking that I have a body? Can I know that Lincoln was assassinated, that electrons have negative charge, that *Hamlet* is a masterpiece, that the sun will rise tomorrow? This seminar will study skeptical arguments and responses to them to explore the nature and scope of knowledge.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Freshman Seminar 31M

In Pursuit of the Ordinary: Genre Painting in Boston-Area Museums (123767)

Joseph Koerner

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This seminar looks at portrayals of everyday life in art, mostly from Europe and America, and mostly in the medium of painting. Examining original art objects in different Boston-area collections, we investigate this type of imagery as it develops into a distinct tradition. We observe its beginnings in medieval marginalia. We trace its evolution into a specialty product from the Renaissance and through its heyday in the seventeenth and eighteenth centuries, when it came to be called "genre painting." And we consider its rejection by and strange survivals in modern art. Studying individual artworks closely, we also explore the character and missions of the public collections that house them.

Course Notes: **The seminar will conduct its meetings on site at various local museums, including the Harvard Art Museums, Boston's Museum of Fine Arts, the Isabella Stewart Gardner Museum, the ICA, and Harvard's Peabody Museum of Archaeology and Ethnography**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 31N

Beauty and Christianity (121903)

Robert Kiely

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

In Book X of The Confessions Augustine wrote, "I have learned to love you late, Beauty at once so ancient and so new!" In addressing God as source and model of beauty, Augustine joins theology and aesthetics in one sentiment that has informed and sometimes troubled Christianity throughout its history. There is no doubt that the life and teachings of Jesus have inspired some of the greatest works of art, literature, and music in Western culture, but it is also true that Christians have not always agreed on the definition and function of beauty. The seminar will consider certain key Christian aesthetic theories, including those of Augustine, Gregory the Great, Aquinas, and Calvin. But the focus will be on the analysis of particular works, selections from Dante's Paradiso, poems of Herbert, Donne, and G.M. Hopkins, The Little Flowers of St. Francis, Bunyan's Pilgrim's Progress, Hawthorne's Scarlet Letter, Melville's Billy Budd, works of C.S. Lewis, and the short stories of Flannery O'Connor. Included as well will be paintings (eg Italian Renaissance depictions of Jesus, Mary, Mary Magdalene, John the Baptist, and St. Sebastian) and choral music (eg Bach's Saint Mathew Passion and selected African-American spirituals). The abiding question will be: In what ways does aesthetic form—beauty—enhance, qualify, complicate, or obscure the gospel?

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Freshman Seminar 32M

Food for Thought: Culinary Culture in Spain and Beyond (109626)

Johanna Damgaard Liander

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

The French have said that the history of a nation depends on what they eat. Yet in the case of Spain, it's clearly the reverse. What Spain has eaten has been a consequence of the country's vast -and often turbulent- history. Invasions, expansions, exile and immigration have created and continue to create the cuisine and culture, which will be our focus in this seminar. Likewise, we will consider Spain's culinary exchange with Latin America, with specific reference to Argentina, Peru and the Caribbean. From don Quijote's rudimentary repas, to Almodóvar's gazpacho, we'll conclude at the tables of the globalized metropolis. We will first consider food and identity, then food, its rituals and traditions. We will examine Spain from the Middle Ages until the present, the history and regions of the peninsula, and the culinary consequences of transatlantic voyages. We will also consider the repercussions of Europeans arriving in the 19th century, and those of the many closer, traumatic events of the 20th century, and beyond. The readings, all in English, are by novelists, historians, chefs, food critics, sociologists, poets, cartoonists and travel writers over the span of ten centuries. The films and videos are more recent, and will have subtitles. No previous knowledge of Spanish language, or travel to any of the countries mentioned, is required. Neither do prospective students need extensive cooking skills. The only pre-requisite is curiosity about what, why, and how the people of Spain and Latin America have eaten throughout their history, and how

this reflects identity and culture of these lands.

Course Notes: **The class will engage in hands-on sessions in the kitchen.**

Recommended Prep: **No previous knowledge of Spanish language, travel to any of the countries mentioned, or extensive cooking skills are required.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Freshman Seminar 33C

Borges, García Márquez, Bolaño and Other Classics of Modern Latin American Fiction and Poetry (159836)

Mariano Siskind

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This course introduces students to some of the most important Latin American literary works produced during the twentieth century. We will explore the ways in which these novels, short-stories, essays and poems interrogate the historical traumas, political contexts and aesthetic potential of the region between 1920s and 1980s. We will shed light on their place in the historical and cultural formation of the literary canon, as well as on the concept of 'classic'. The goal of this seminar is two-fold. On the one hand, it introduces students to the Latin American literary and critical tradition through some of the best and most interesting literary and critical works (each novel or grouping of short stories and poems are paired with an important critical essay that situates them historically and aesthetically). On the other, it provides them with the fundamental skills of literary analysis (close reading, conceptual and historical framing, continuities and discontinuities with the aesthetic tradition), and that is why I have selected a relatively small number of readings, in order to have time to work through them, discuss them and have some flexibility to extend the classes we dedicate to a given author when our discussions merit it.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Freshman Seminar 33R

The Chinese Language, Present and Past (160197)

C.-T. James Huang

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This seminar offers an opportunity to learn about the Chinese language, by observing and analyzing its linguistic structure, history, cultural tradition and social relevance. With a partially hands-on approach, we shall look at the fundamental principles that make up the sound system and govern the grammar of Mandarin, with particular attention to those features that distinguish Chinese from English and other languages, including its system of tones, its writing system, its word-order and syntactic patterns, and how the language has developed in over 2000 years of its recorded history. Looking deeper, we see how the study of Chinese may contribute to our understanding of language as a central component of human cognition. The seminar is designed for students with some experience of the Chinese language (e. g., with some prior formal instruction or as heritage speakers of Mandarin or any other Chinese dialect). The analytical skills acquired will be of use as an aid to improve on one's proficiency, or in preparing for study in linguistics, translation, East Asian study, and/or artificial intelligence.

Recommended Prep: **Some experience of the Chinese language is required as a pre-requisite for taking the seminar (e.g., a minimum of one semester of prior formal instruction, or as a heritage speaker of Mandarin or any Chinese dialect). To fully satisfy this seminar, you must (a) complete each reading assignment and have questions ready before class, (b) actively engage in class discussion. In addition, students will complete a term project (individual or collaborative) on a topic in consultation with the instructor.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 33X

Complexity in Works of Art: Ulysses and Hamlet (116807)

Philip Fisher

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Is the complexity, the imperfection, the difficulty of interpretation, the unresolved meaning found in certain great and lasting works of literary art a result of technical experimentation? Or is the source extreme complexity—psychological, metaphysical, or spiritual? Does it result from limits within language, or from language's fit to thought and perception? Do the inherited forms found in literature permit only certain variations within experience to reach lucidity? Is there a distinction in literature between what can be said and what can be read? The members of the seminar will investigate the limits literature faces in giving an account of mind, everyday experience, thought, memory, full character, and situation in time. The seminar will make use of a classic case of difficulty, Shakespeare's Hamlet, and a modern work of unusual complexity and resistance to both interpretation and to simple comfortable reading, Joyce's Ulysses. Reading in exhaustive depth these two works will suggest the range of meanings for terms like complexity, resistance, openness of meaning, and experimentation within form.

Course Notes: **There may be interviews for selected applicants during Opening Days week.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 34V

Broadway Musicals: History and Performance (156241)

Carol Oja

2020 Spring (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This seminar will explore a core group of Broadway musicals. Historical and musical discussions will be paired with student performances and staging of individual scenes (done under the guidance of Allegra Libonati of the A.R.T. Institute). The seminar will touch on signal moments over the course of the "Golden Age" of the musical, stretching up to the present day: *Oklahoma!* (1943), *South Pacific* (1949), *West Side Story* (1957), *A Chorus Line* (1975), *In the Heights* (2008), and *Hamilton* (2016).

Course Notes: **Student musicians and actors are welcome in the course, as are students who love to watch shows but not necessarily perform in them. Ability to read music is desirable but not required.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 34X

Language and Prehistory (117406)

Jay Jasanoff

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

It was discovered around 1800 that the major languages of Europe, along with the ancient languages of India and Iran, were descended from an unattested parent, formerly known as "Aryan" or "Indo-Germanic," but today usually called Proto-Indo-European. The identification of the Indo-European family raised many questions, some purely linguistic (e.g., what was Proto-Indo-European like; was it grammatically complex or "primitive"?), and some more far-reaching (e.g., who were the speakers of Proto-Indo-European; why did Indo-European languages spread so widely?). Questions of the first type eventually led to the birth of the new academic field of linguistics. Questions of the second type, however, misled some nineteenth- and early twentieth-century intellectuals to posit a genetically and culturally superior Aryan "race." Although this idea is now universally rejected, linguistic evidence still plays an important role in studies of the past. Recent debates about the origins of "Western civilization," for example, center on the alleged presence of borrowed Egyptian words in Greek, while theories about the settlement of the Americas depend on

supposed linguistic connections between the New World and other continents. This seminar will explore the use and misuse of such methods. What, if anything, does the fact that languages are related tell us about their speakers? How can we distinguish genuine cases of linguistic borrowing or "influence" from the kinds of resemblances that come about through pure chance? Answers to these and similar questions will be sought through case studies, with readings chosen to illustrate and contrast scholarly and unscholarly approaches. The work for the course will consist of readings, four or five short problem sets, and a final project with both written and oral components.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 35N

The Art and Craft of Acting (126838)

Remo Airaldi

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

We've all watched a great performance and wondered, "How did that actor do that?" Acting is undoubtedly the most popular, most widely experienced of the performing arts and yet, in many ways, it remains a mystery. This seminar will give students an opportunity to demystify the art of acting by introducing them to the basic tools of the trade; they will learn about the craft of acting by actually "doing" it. It will provide an introduction to acting by combining elements of a discussion seminar with exercises, improvisations and performance activities. Improvisation will be used to improve group/ensemble dynamics minimize habitual behaviors and to develop characters. Students will explore a range of acting techniques designed to give students greater access to their creativity, imagination and emotional life. The aim will be to improve skills that are essential to the acting process, like concentration, focus, relaxation, observation, listening, etc. In the later part of the term students will work on monologues. Students will also attend and critique productions at the Loeb Drama Center and other theaters in the Boston area.

Course Notes: **The first class will be held on Labor Day Monday, Sept 2nd. Students will be required to attend theater performances during the course of the term. There will be no charge to the student. The first theater date will be Saturday, Sept 7, 7:30pm.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Freshman Seminar 36G

The Creative Work of Translating (128124)

Stephanie Sandler

2019 Fall (4 Credits) **Schedule:** W 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Translation makes culture possible. Individual writers and thinkers draw sustenance and stimulation from works created outside their own cultures, and artists working in one format get ideas from those working in entirely different media. Translation between languages and between art forms will center our seminar's work. Taking a broad view of translation as a mental activity, we will study poems, fiction, film, photography, film, and music. We will stretch our own imaginative capacities by transposing material across media and genres, creating homophonic translations, and translating between languages. We will work individually as well as collaboratively. We will read a small amount translation theory, and some reflections by working translators. We will invite into our classroom a practicing poet, artist, and translator or two, attend poetry readings and lectures at Harvard. The only requirement is some knowledge of a language besides English—and a readiness to play with languages, art forms, and texts. Readings from Anna Akhmatova, Walter Benjamin, Jorge Luis Borges, Joseph Brodsky, Anne Carson, Emily Dickinson, Forrest Gander, Susan Howe, Velimir Khlebnikov, Vladimir Nabokov, Sappho, W. G. Sebald, Wang Wei, and Sor Juana; music by John Adams and David Grubbs. Films to include *Despair*, *Chekhovian Motifs* and *The Golem*.

Course Notes: **There will be at least one required field trip, to the Isabella Stewart Gardner Museum.**

Recommended Prep: **The seminar will require some knowledge of one language besides English. To consult with the instructor about this, please email Professor Stephanie Sandler, ssandler@fas.harvard.edu. There will be at least one required field trip to the Isabella Stewart Gardner Museum.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 36S

Comparative Historical Mythology (109498)

Michael Witzel

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This seminar will deal with an innovative approach to comparative Mythology, detailed in my 700 pp. book on the topic (OUP, Dec. 2012). Comparative mythology has been a well-trodden but controversial field since at least 1800. The proposed seminar will discuss the matter in a new way by incorporating an historical approach, which has so far been lacking. The two most prominent explanations for the wide-spread, worldwide similarities in myths have been archetypes (C.G. Jung) and diffusion (L. Frobenius / H.

Baumann). Both approaches are inadequate to explain these similarities. Approaching myths historically, and working backwards from our earliest written sources (Egypt, Mesopotamia, Levant, India, China, Maya, etc.), earlier stages in the development of mythologies can be detected through successive reconstructions. These are supported by the additional testimony of oral texts found across the globe. Further, recent developments in human population genetics as well as in archaeology, anthropology and comparative linguistics sustain the proposed historical model, which ultimately, but rather tentatively, reaches back to the time of the "African Eve." This seminar will investigate the ways myths have been compared in the past; further, the underlying assumptions about human spirituality and religion, as well as available scientific evidence for such models. The new historical and comparative proposal will be tested against this evidence. All of this offers a wide scope for students' class room intervention and individual research in a multitude of ancient and oral texts (in translations) from a variety of languages as well as in the sciences.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Freshman Seminar 37P

Reading Tolstoy's War and Peace (119150)

Julie A. Buckler

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Leo Tolstoy's massive masterwork *War and Peace* (1865-69) is a magnificent work of art by a world-class writer tackling life's "big questions." It is also a great read! Over the course of a semester, we will give this nineteenth-century novel the time and attention it deserves. We will read War and Peace closely, while comparing two different English-language translations, exploring cultural and historical context, artistic biography, historiography, the novel as a literary form, literary language, issues in translation, interpretive paradigms, and potential new ways of reading. We will trace the changing interpretative approaches to *War and Peace* from the 1860s to the present. How does the pacing of the novel relate to nineteenth-century reading and publishing practices? To nineteenth-century conceptions of time, space, narrative, and genre? What are the problematic distinctions between history and literature that the novel raises? We will also consider the significance of the Napoleonic wars (1803-1815) in Russian history and the broader pan-European cultural legacy of this period, including literature, art, and architecture.

Course Notes: **All readings will be in English.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Freshman Seminar 37Y

Muslim Voices in Contemporary World Literatures (119569)

Ali Asani

2019 Fall (4 Credits) **Schedule:** T 0600 PM - 0845 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

What do Muslims think of acts of terrorism committed in the name of Islam, the mixing of religion with politics, the rights of women, the ``West''? This seminar investigates the viewpoints of prominent Muslim writers on these and other ``hot button'' issues as reflected in novels, short stories and poetry from different parts of the world. Explores a range of issues facing Muslim communities in various parts of the world by examining the impact of colonialism, nationalism, globalization and politicization of Islam on the search for a modern Islamic identity. Readings of Muslim authors from the Middle East, sub-Saharan Africa, South Asia, Europe and America.

Course Notes: **The seminar will meet for only 2 hours within the time block. No prior knowledge of Islam required. Assignments include compiling a portfolio of creative responses to the weekly readings using different media.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Freshman Seminar 38X

Work: an Audio/Visual Exploration (107839)

Robb Moss

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

A video and audio production course, the class explores the nature, contours, and experience of working people in the City of Cambridge. Film screenings, readings, and journal writing augment the central activity of the class, which is to find aural and visual ways to expressively explore a range of work-experiences.

Course Notes: **The seminar will be held for 3 hours. Labs will meet occasionally for 1 hour after the regular class time. No previous production experience is necessary to take this class, and the class can be considered a gateway course for admission into the Department of Visual and Environment.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 40D

The Transformation of Marketing (160713)

Elie Ofek

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Marketing, as you will find in this seminar, refers to the set of activities needed to form and sustain a healthy business by fostering meaningful exchanges between the organization and its chosen customers. Marketing helps create value for consumers and extract a share of that value for the organization. We will spend time understanding the fundamentals of marketing management and examine how recent economic, technological, cultural, and societal developments have affected the marketing field. We will first cover the central themes of customer behavior, strategic marketing analysis, innovation forecasting, and brand management. Then we will explore how marketing has dramatically evolved in recent years due to: the digital and social-media revolution; the increasing shift from human-based to technology-based interactions with customers; firms' desire to globalize; societal trends affecting consumer preferences; and the call for companies to exhibit greater social responsibility. In examining these themes, we will also draw upon research from the domains of psychology, sociology and economics. Each session will have assigned pre-readings that may include case studies, book chapters, and articles. The discussion and material covered in class will rely upon these readings. During the term each student will identify a marketing phenomenon they find intriguing and that reflects concepts covered in class. Students will prepare a one-page summary of this business phenomenon and communicate it in a short presentation. The final paper for the seminar requires students to analyze a case study and turn in a short write up.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Freshman Seminar 40E

Law and Society through the Cinematic Frame (160785)

Ofrit Liviatan

2020 Spring (4 Credits) **Schedule:** M 0345 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

In this seminar we will explore the interaction of law and society using the lens of film. The cinematic experience has become a key site through which the public understanding of law is produced, debated and influenced. Driven first and foremost by market and audience considerations, law-related films often inject drama, contentious dimensions and even misrepresentations into the portrayal of real events. Nonetheless, by raising awareness about legal themes that pervade the plot, these films offer valuable insights toward discovering social scientific perspectives on the manner in which law functions in everyday life. Hence, the

seminar will not focus on legal doctrine or teach you the fundamentals of the legal profession. Rather, using films as a framework for discussion, we will study law's working in relations to the social, political, economic and cultural environments in which it operates. Central thematic topics to be discussed include: the relationship between law, justice and morality; how does law intervenes in social relations and whether it is over-utilized as part of these relations; the dynamics between law and social change; is access to the legal process equal to everyone; and the function of law in deeply divided societies. Throughout the semester film viewing will occur outside class as part of your weekly preparation for the seminar. However, we will dedicate one class as a field trip to watch a law-related film together and analyze its themes through the sociolegal perspective.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Freshman Seminar 40I

The Supreme Court in U.S. History (123660)

Richard Fallon

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Often described as the world's most powerful court, the US Supreme Court has not always enjoyed high prestige or unquestioned authority. The Court's significance has waxed and occasionally waned, with the variations typically depending on surrounding currents in the nation's social and political history. Examines the history of the Court from the nation's founding to the present. Highlights relation between constitutional law and ordinary politics, and the ways in which they influence one another.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 40J

Advice to Young Leaders (127970)

David Armitage

2019 Fall (4 Credits) **Schedule:** W 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Many of the classic works of political and ethical theory in the western tradition were written for young people about to enter public service or positions of authority. This Freshman Seminar takes a selection of

these major texts of advice and encouragement, among them works by Plato, Aristotle, Cicero, Machiavelli, Burke, James, Weber, and Woolf. The class will introduce students to some major thinkers and ideas through a selection of texts that might speak to their own condition and ambitions. It will also show how to treat such works historically, in their own terms and their own contexts, while also applying them to current concerns and dilemmas. The overarching aim of the class will be for students to think rigorously about their own imminent responsibilities as citizens and leaders by reflecting on arguments addressed to similar rising generations in the past, in classical Greece, ancient Rome, early modern Europe, the eighteenth, nineteenth, and early twentieth centuries.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Freshman Seminar 40L

Free Speech (110427)

Sanford Ungar

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 13

In this age of rapid globalization and heightened cross-cultural contacts, nations struggle to reaffirm their identities and values. In the United States, one of the most precious values is free speech, embedded in the First Amendment to the Constitution and regarded as a keystone of American democracy. But arguments over the boundaries of free speech have become intense, especially in the era of electronic communication. This seminar will examine the dialogue taking place within the United States and around the world on free speech issues – sometimes civil, but often a political or cultural confrontation that turns violent. We will discuss international and domestic protests over politically sensitive cartoons, controversies over Holocaust denial, whether hate speech should be banned on campuses, whether the domestic media can ever be legitimately constrained on national security grounds, whether anti-gay religious activists have a right to disrupt military funerals, whether pornography and violent music lyrics should be regulated, and what constitutes free speech on the Internet or cell phones. Through Supreme Court decisions and by other means, we will examine the debate over what it means to be patriotic and whether patriotism requires Americans to say, or prohibits them from saying, certain things – and examine how standards have changed over the years. We will ask whether other countries' attitudes toward free speech and the other First Amendment freedoms should influence US foreign policy toward those countries. Examples of constraints on free speech in our daily lives and work, unwitting or not, will also be considered.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 40P

Making the Grade? Middle and High School Math Education in the U.S. (109469)

Robin Gottlieb

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

What are the goals of mathematics education at the middle and high school level, and how do these goals impact our evaluation of the success or failure of math education in America? Why does math education at these levels matter? What societal structures (historic, economic, political, cultural) impact mathematics education? How does math education in turn impact societal structures? As the world changes, how do the goals of mathematics education change, and in what ways? We will explore these issues to become more educated participants in this ongoing discussion.

Course Notes: **A special invitation is extended to students not planning to concentrate in math.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Freshman Seminar 41E

The American Death Penalty: Morality, Law, and Politics (109475)

Carol Steiker

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 14

This seminar will address the controversies that swirl around the American death penalty in the distinct but related contexts of morality, law, and politics. At the level of moral theory, we will consider whether the death penalty is ever justified as a state practice, both in the abstract and in application, given concerns about its fairness and efficacy in deterring crime. We will explore the U.S. Supreme Court's "constitutionalization" of capital punishment starting with its landmark decision in 1972 in the case of Furman v. Georgia. We will trace the Court's attempt to deal with issues of fair process, proportionality, cruelty, reliability, and racial discrimination. Close readings of key opinions will show how the Court's interpretations of the majestic generalities of the Constitution—the guarantees of "due process", "equal protection," and protection from "cruel and unusual punishments"—have been informed by moral theory. Finally, we will consider the American death penalty in political context, both nationally and internationally. We will assess explanations for the anomaly of American retention of capital punishment, alone among Western democracies. We will consider how moral philosophy and legal regulation have affected the course of the American death penalty in the political sphere and contemplate the legal and political future of the institution. Will (or can) the death penalty be reformed? What are the prospects for nationwide abolition (or large-scale resurgence)? Will (or should) the death penalty's future lie in the hands of the courts or the political branches of government?

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Freshman Seminar 41J

Economic Development (156421)

Michael Kremer

2020 Spring (4 Credits) **Schedule:** R 0600 PM - 0800 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Understanding the determinants of the wealth of nations has long motivated the study of economics and it is arguably the most important problem in the field for human welfare. This seminar will examine economic development, looking both at historical experience and at contemporary issues in developing countries. It will focus on writing in economics, but will also draw on other disciplines, including political science and sociology. The course will start with readings of Adam Smith, Karl Marx, and Max Weber. Participants will then read works illustrating some of the techniques and modes of reasoning associated with contemporary microeconomics and statistical analysis. Finally, it will conclude with contemporary writing on development, including work that addresses big-picture political economy models of the role of institutions in development and more microeconomic approaches.

Recommended Prep: **Students are expected to have had some background in economics, such as an AP economics course in high school, or simultaneous enrollment in Ec 10a or Social Analysis 10.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Freshman Seminar 41K

Human Rights, Law and Advocacy (156502)

Susan Farbstein

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Human rights practitioners confront numerous ethical, strategic, and legal dilemmas in their struggles for social justice. This freshman seminar explores the underlying legal framework in which human rights advocates operate, and then uses specific case studies to consider the various challenges they must grapple with in their work. The seminar is designed to encourage students to critically evaluate the human rights movement while offering an introduction to some of the essential tools and strategies used by human rights advocates, including advocacy, litigation, documentation, and report writing. Students will be asked to grapple with tough questions, such as: How can human rights be harnessed to successfully

influence and change behavior? What does responsible, effective human rights advocacy look like? How do we engage without perpetuating power differentials along geopolitical, class, race, gender, and other lines? How do we find ways to work in collaboration with directly affected communities? What does it mean to be a human rights advocate working on abuses affecting individuals and communities remote from yourself? How do you balance broader advocacy goals with the needs of individual survivors or clients? How do you determine when to intervene and devote limited resources to a given issue? Students will also consider a series of dynamics (e.g., north/south, insider/outsider, donor/donee, lawyer/non-lawyer) that influence how and why advocacy is formulated and received. Finally, the seminar considers the limits of the human rights paradigm and established methodologies, such as litigation and "naming and shaming," and explores alternative sources and forms of advocacy, including the role of community lawyering in the human rights context.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Freshman Seminar 41P

American Presidential Campaigns and Elections 1960-2020 (124777)

Maxine Isaacs

2019 Fall (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 17

For two hours each week, students will work to understand the history, forces and politics of American presidential campaigns and elections. Each student will be "responsible" for one presidential election between 1960 and 2016, and, together, members of the seminar will develop some perspective on dramatic changes as well as enduring factors that have shaped our own times, issues and society. With the help of some guests – practitioners including political leaders, public opinion analysts and journalists – students will develop a deeper understanding of contemporary politics; the impact of demographic patterns and changes; public opinion and polling; and political communication. Students will learn about the relationship among politics, news and public opinion, and who influences whom. Participants will be introduced to excellent contemporary studies about modern presidential campaigns and elections. At the end of the term, students will make oral reports to the class on lessons learned from a past election which can help all of us better understand this one.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Freshman Seminar 41R

Media in American Politics (159837)

Matthew Baum

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This course considers the degree to which Americans' political opinions and actions are influenced by the media as well as the influence of the media on public policy. Topics to be covered include the history of the mass media, recent trends in the media, theories of media effects, the implications for politics of changes in media (e.g., the rise of the Internet, social media and partisan media), the ways in which the news shapes the public's perceptions of the political world, campaign communication, how the media affect the manner in which public officials govern, and the general role of the media in the democratic process.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Freshman Seminar 41U

Museums (156182)

James Hanken

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

What are museums? Where did they come from? What exactly do they do, and why? Do they have a future? This seminar will trace the history of museums from their beginnings centuries ago as personal collections maintained by private (wealthy) individuals to the modern institutions of today. We will consider not only the objects maintained in museums and their conservation, but also the role of museums in contemporary society, financial considerations associated with their successful operation, their dual—and sometimes conflicting—functions of scholarly research and public display, the mechanics and psychology of exhibit design, legal and ethical issues of collecting and acquisition, and challenges confronting museums and how they likely will fare in the future. The seminar's focus will range from large art, archaeological, and natural history museums to smaller and more specialized institutions that focus on particular cultural, scientific, artistic, and engineering artifacts. Weekly class meetings will include both discussion sessions and field trips to museums and libraries at Harvard. During these trips we will view public exhibits and gain access to "behind-the-scenes" collections and scholar/staff work areas that the public rarely sees. One weekend-day optional field trip to a museum outside Boston may be included as well, depending on student interest.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Freshman Seminar 42C

The Role of Government (160196)

Oliver Hart

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Economists have a very positive view of the role of markets. The intellectual foundations of this are the first and second theorems of welfare economics. The purpose of the seminar is to introduce the students to these results but also to their limitations. For example, for markets to work well it is essential to have a legal system that upholds contracts and protects property rights. The legal system is also important to deter crime. But who can provide the legal system other than a government that has the coercive power to raise taxes? The legal system is an example of a public good, but of course there are many others including national defense, clean air, etc. Markets under-provide public goods and they also do not work well in the presence of externalities, a highly topical example of which is global warming resulting from carbon emissions. Another very topical issue is inequality. There is no particular reason to think that a market economy will yield an equitable distribution of income, and given this what is the appropriate government response? Throughout the seminar the analysis of ideas and concepts will be interspersed with policy issues such as whether and what limitations should be placed on the right to smoke or consume drugs, the right to marry, the right to buy and sell organs, the right to bear arms, and the freedom of businesses to decide whom to serve. We will also consider the pros and cons of the Affordable Care Act (Obamacare), the role of government nudges, and whether goods or services paid for by the government need to be produced by the government or can be outsourced: the issue of privatization.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 42H

U.S. Energy Policy and Climate Change (160203)

James H. Stock

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Burning fossil fuels has powered 150 years of unprecedented economic growth, but doing so has left a legacy of high and increasing concentrations of carbon dioxide and other greenhouse gases. Those gases are changing our climate and thereby endanger human health, human welfare, and the earth's ecosystems. To avoid the worst of those consequences requires decarbonizing the energy sector, but that task is massive and will require effective and efficient climate policy. Recently, U.S. energy and climate policy has been subject to wild swings, as Obama-era regulatory and subsidy policies designed to shift from fossil fuels to renewables have been replaced under the Trump administration by policies to promote and subsidize fossil fuel use and production. This seminar examines U.S. climate policy from economic, legal, and technological perspectives. The seminar starts with a review of the U.S. energy sector, climate science, and climate economics. The course then turns to current policy issues, including carbon pricing, the regulation of CO2 emissions from fossil-fuel fired power plants, the keep-it-in-the-ground movement, policies to promote new low-carbon technologies, and the Green New Deal. The seminar also examines

subnational (state and local) and international climate policies.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 43D

Christianity and Slavery in America, 1619-1865 (160213)

Catherine Brekus

2019 Fall (4 Credits) **Schedule:** W 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Most people today assume that Christianity and slavery are incompatible. For most of Christian history, however, the opposite was true. Christians not only owned slaves, but they argued that slavery was sanctioned by the Bible. This seminar will explore the relationship between Christianity and slavery in America from 1619, when the first slaves arrived in Virginia, to the Emancipation Proclamation in 1865. We will ask several questions. How did white Christians become convinced that slavery was sinful? Why did many slaves convert to Christianity, the religion of their oppressors? How did enslaved Christians make sense of their suffering? Students will read major historical interpretations of slavery, but they will particularly focus on primary documents, including proslavery tracts and sermons, abolitionist speeches, poems, and the personal religious narratives of enslaved men and women. In addition to discussing the readings during class meetings, we will listen to spirituals and analyze paintings, photos, architecture, and other objects (for example, abolitionist tokens).

Course Notes: **In addition to our regular class meetings, we will meet at the Schlesinger Library to look at rare books and manuscripts, and we will take a guided walking tour of Boston's Black Heritage Trail. The tour will include an exploration of the African Meeting House.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 43J

The Economist's View of the World (108562)

N. Mankiw

2019 Fall (4 Credits) **Schedule:** T 0900 AM - 1130 AM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This seminar probes how economic thinkers from the right and left view human behavior and the proper

role of government in society. Each week, seminar participants read and discuss a brief, nontechnical, policy-oriented book by a prominent economist. There will also be required writing assignments. Students must have some background in economics, such as an AP economics course in high school or simultaneous enrollment in Economics 10.

Recommended Prep: **Students are expected to have had some background in economics, such as an AP economics course in high school or simultaneous enrollment in Economics 10a.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Freshman Seminar 44J

Clash of Titans, Seats of Empire: The Aztecs, Toltecs, and Race of Giants in Ancient Mexico (116506)

William Fash

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

The film "Clash of Titans" was a British extravaganza dedicated to exploring the ancient Greeks' concepts of the interactions between humans and their gods. In Ancient Mexico, the tale of Topiltzin Quetzalcóatl, Toltec Prince of Tula, is the best-known example of the intervention of rival gods, in the affairs of kingdoms and empires, and serves as the point of departure for our seminar. Just as the Greeks countenanced sacrifices and political assassinations, in Ancient Mexico the three great empires practiced human sacrifice, regicide, and engaged heavily in warfare which was vital in their statecraft and economy. We will explore how these central components were explained and justified in their mythology, why reciprocity with the gods was so vital, and how and why each empire came to a violent end. We begin with the first-person description of the Aztec Empire and its violent conquest, penned by a foot solider in Hernán Cortés's army, Bernal Díaz del Castillo. In the following weeks we will explore the environmental basis, religious dimensions, and social and political development of civilization, cities, at the three seats of empire in ancient Mexico. We will make extensive use of Peabody Museum collections, archaeological studies, historical accounts, and recent films and other media to critically examine ancient practices and current perceptions of the Aztec empire (1428-1519 CE); its predecessor the legendary Toltec empire of Tula (850-1100 CE); and the foundational Teotihuacan empire (100-550 CE), known as "The City of the Gods" to people throughout the region. The Aztecs and Toltecs went to Teotihuacan on pilgrimage every 20 days, because the scale of that ancient city was so massive, the architecture so impressive, and the religious art and historical lore so compelling, that the Aztecs had a legend that it was built in an earlier creation, by a race of giants. Seminar participants will explore how the biases of the observer play a role in describing and explaining "the Other." Students will analyze the ways in which religion and the quest for power fueled the genesis, expansion and demise of all three empires. First-years in this seminar will also explore the ways in which the living descendants of the Aztecs are reviving their traditional culture and how the Pre-Columbian civilizations are integral to the national identity of Mexico and Chicanos in this country, vs. the way they are portrayed in Hollywood and U.S. popular culture, through films and other media in the U.S. and Mexico.

Course Notes: **No background or previous experience, on or in Mexico is required, only an open mind.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Freshman Seminar 48K

Political Legitimacy and Resistance: What Happened in Montaigne's Library (119622)

Arthur Applbaum

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Political Legitimacy and Resistance: What Happened in Montaigne's Library on the Night of October 23, 1587, and Why Should Political Philosophers Care?

Explores the theories of political legitimacy and justified resistance to authority developed by the persecuted Protestants during the French Wars of Religion, and traces the influence of these ideas about political obligation and religious conscience on some of the major figures in modern political philosophy from Hobbes to Kant. Students should be prepared to engage in both historical detective work and philosophical reflection. All required reading will be in English.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Freshman Seminar 50I

The Temporal Universe (203269)

Jonathan Grindlay

2019 Fall (4 Credits) **Schedule:** T 0600 PM - 0845 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

The Universe is not static, but rather stars and entire galaxies are evolving as revealed by their variability on timescales ranging from milliseconds for collapsed stars (neutron stars and black holes) to gigayears for stars and galaxies. In this seminar we shall explore stars and nuclei of galaxies through variability—from how brightness variability of stars with binary companions measured with small telescopes measures star masses and radii, to the extremes of variability of stars that undergo repeated huge flares, to enormously luminous variations from accretion onto gargantuan black holes in the nuclei of "Active Galaxies" (blazars and quasars). We shall use the Clay Telescope on the Science Center roof to make some repeated observations (from the 8th floor Astronomy Lab) of several types of variable stars and accretion-powered binaries and deduce what life would be like if either were our Sun. From a blazar, we shall observe historical outbursts that occasionally change brightness to exceed its host galaxy by a factor of ~100, by using the digitized brightness measures on thousands of glass plate images taken by Harvard telescopes from 1885–1992 and now digitized

and on-line from our digital access to a Sky Century @ Harvard (DASCH) project. The seminar will include readings from an introductory astronomy text as well as both popular and journal articles and the short books *Black Hole* (Bartusiak) and *Black Hole Blues* (Levin). Students will use astronomical software to measure stellar brightness and variability from telescope images as well as learn temporal analysis techniques with applications to other disciplines. Students discuss in-class readings and observations conducted and write short papers on their observations and deductions.

Course Notes: **This seminar is open to all but may be of particular interest to those considering Astronomy, Physics or Engineering concentrations. The seminar will run for two hours within the time block.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 50P

Food, Up Close and Personal (203424)

Noreen Tuross

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

Several times a day, you decide what to eat and drink. What happens to the food in your body; how is it turned into you and how has evolution shaped some of your choices? We alternate among popular nutrition literature, peer reviewed papers and discussion of data to unravel some of the complicated issues surrounding human nutrition. We will examine the published results from "The Biggest Loser" television program and explore the effects of alcohol on the body and brain. We will, of course, cook. The class will meet for three hours each week and attendance is mandatory. As a group, the class will plan a cooking and eating experience, and each student will present on at least one of the topics in the class.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Freshman Seminar 50S

From Galileo to the Big Bang Theory: Conflict and Dialogue between Religion and Science (204929)

Karin Oberg

2019 Fall (4 Credits) **Schedule:** M 0900 AM - 1100 AM

Instructor Permissions: Instructor **Enrollment Cap:** 12

It is easy to find controversies at the intersection of science and religion, from the time of Galileo, to Darwin and the emergence of modern cosmology. Yet many scientists throughout the ages have been devoutly religious, challenging claims of an intrinsic enmity between science and religion. This seminar treats a number of historical conflicts between religious beliefs and scientific theories, among them the Galileo affair, the clockwork universe, evolution, and the Big Bang theory. The seminar will introduce students to the main protagonists through their own words, and through contemporary and modern-day commentaries. We will explore why these conflicts arose and, based on these historical lessons, what we can expect the future relationship between science and religion to be. The ultimate aim of this seminar is for students to form their own opinion of which kind of conflicts between science and religion are inevitable and which are accidents of time and place, and under which conditions, if any, interactions between science and religion can be mutually beneficial. Most of the course will focus on Christianity and the natural sciences, with emphasis on astronomy and cosmology, but the relationship between other ancient and contemporary religions and other sciences will be discussed as well to provide a broader context.

Recommended Prep: **There are no pre-requisites. The course will include scientific concepts and their empirical and theoretical foundations, but no scientific preparation beyond high school physics is required.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Freshman Seminar 50Z

CRISPR, Genome Editing, and the Future of Medicine (207509)

David Liu

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0515 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

The life sciences are undergoing a revolution stimulated by breakthrough advances in genome editing technologies. These technologies, including CRISPR, enable researchers and physicians to modify target DNA sequences in the genomes of living cells, including human cells and human embryos. The goal of this Seminar is to equip participants with an understanding of the genome editing revolution that will inform their lives inside or outside of science. During the early part of the semester, students will learn how these remarkable agents were discovered and how they work. We will also discuss their current limitations, their potential to shape medicine, and some social and ethical implications of their use. Students will analyze recent reports from both the scientific literature and from popular media, and will present their analyses and opinions during the semester. Participants will also visit a state-of-the-art genome editing laboratory during the semester, and will develop and propose "think pieces" on an aspect of genome editing to the class at the end of the semester.

Course Notes: **The Seminar will be held at the Broad Institute in Cambridge. Participants will be provided with a pre-paid Charlie Card for travel by MBTA. There will be a required trip to a state-of-the-art genome editing laboratory.**

Recommended Prep: **High school chemistry and biology knowledge.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration

Freshman Seminar 51C

Science in the Age of Artificial Intelligence (207514)

Brendan Meade

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Science is focused on discovering and explaining the world around and within us. This has been its goal for hundreds of years and has produced astonishing breakthroughs from population genetics, to general relativity, to plate tectonics. Artificial intelligence is touted as a tool for learning about a complex systems in ways that humans can't and has seen exceptional progress in natural language processing and image identification. In this class we explore the emerging linkages between scientific inquiry and artificial intelligence. The central goal of this class is to question the classical role of the scientist as a creator of theories and consider how scientists may become interpreters of theories developed by AI. We do this by developing an understanding of how AI systems actually work (they're astonishingly simple), explain recent success cases, and then consider how we may (or may) not rebuild science in an AI-first manner. Examples with be drawn from the earth and planetary sciences as well as the life sciences.

Recommended Prep: **High school calculus and/or computer programming would be extremely useful.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 51D

Predicting Life and Death—Quantitative Approaches to Human Health and Disease (207515)

Franziska Michor

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

How long does each of us have to live? How does this expectation depend on the extent of exercise, stress, and lifestyle choices such as a love of burgers or long-term smoking? If we are diagnosed with cancer or cardiovascular disease, how many years do we lose, and how does that depend on where we live and how much we earn? Given that millions of people are diagnosed with disease each year, is that data publicly accessible, and is it sufficient to infer the lifespan of an individual patient? Do I want to know how long I have left to live? Can someone else deduce my identity by me being

part of a database for lifespan prediction? Do I care if my identity and lifestyle choices become publicly known if it is for the greater good of learning more about preventing disease? How do doctors decide on treatment plans and what can we learn from visiting a radiation oncology clinic where terminal patients are being treated? And finally, how can we use emerging datasets in innovative ways to learn about human health and disease?

Course Notes: **There will be a required field trip to the Dana Farber Cancer Institute Radiation Oncology Clinic.**

Recommended Prep: **There are no prerequisites for this seminar.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Freshman Seminar 51E

The Story of the Alternating Sign Matrix Conjecture (207517)

Lauren Williams

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This seminar is intended to illustrate how research in mathematics actually progresses, using recent examples from the field of algebraic combinatorics. We will learn about the story of the search for and discovery of a proof of a formula conjectured by Mills-Robbins- Rumsey in the early 1980's: the number of *n x n* alternating sign matrices. Alternating sign matrices are a curious family of mathematical objects, generalizing permutation matrices, which arise from an algorithm for evaluating determinants discovered by Charles Dodgson (better known as Lewis Carroll). They also have an interpretation as two-dimensional arrangements of water molecules, and are known in statistical physics as square ice. Although it was soon widely believed that the Mills-Robbins-Rumsey conjecture was true, the proof was elusive. Researchers working on this problem made connections to invariant theory, partitions, symmetric functions, and the six-vertex model of statistical mechanics. Finally in 1995, all these ingredients were brought together when Zeilberger and subsequently Kuperberg gave two proofs of the conjecture. In this course we will survey the story of the alternating sign matrix conjecture, building up to Kuperberg's proof. If time permits, we will also get a glimpse of very recent activity in the field, for example the Razumov-Stroganov conjecture.

Recommended Prep: **This seminar is recommended for students with a strong background in mathematics, including some familiarity with proofs. It would be helpful to have some exposure to combinatorics (permutations, binomial coefficients) and linear algebra (matrix multiplication and determinants of n by n matrices).**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 51F

Understanding the Seemingly Impossible: A Revolution in Biology (207834)

Craig Hunter

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Occasionally a scientific discovery is so unexpected that it is seemingly unexplainable. This seminar will revisit one such event, the discovery of RNA interference and how modern experimental molecular genetics cracked this "problem" and started a billion-dollar industry. Rare unexpected discoveries in biology, for example catalytic RNAs, instantly extend and broaden our understanding of the world, while the impact of other discoveries (split genes, hopping genes) are more gradual. However, some discoveries challenge firmly supported ideas. The initial description of RNA interference (RNAi) was seemingly magical—the introduction of a RNA molecule matching the sequence of any gene, results in the effective silencing (turning off) of the gene. Further, the silencing signal(s) were extremely potent and mobile, moving between cells, tissues, and generations. A series of seminal discoveries during an amazing four-year period revealed the previously unimagined process. We will read and talk about how these discoveries were made and how this unexpected new biology launched new therapeutic companies and is informing developing ideas about heritability, adaptation, and evolution.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Freshman Seminar 51K

Technology vs. Nature: From Toggling Harpoons to Geoengineering (207761)

David Keith

2019 Fall (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Are we at the end of nature? What would it mean if we were? Advanced hunting technologies enabled our ancestors to hunt so efficiently that the human expansion out of Africa drove a wave of extinctions around the globe. No more mammoths. No more moas. Over the last millennia, technological innovation has dramatically reduced many environmental impacts on a per capita basis; but, technology simultaneously enabled a population explosion and caused new forms of environmental disruption. Technology is simultaneously a despoiler and savior of the environment. We will explore the shifting frontier between the natural and artificial through critical examination of globally transformative technologies such as climate geoengineering, Haber-Bosh nitrogen fixation, gene-drives and de-extinction. Solar geoengineering is the idea that humanity could deliberately intervene in the Earth's climate to limit the risks of accumulating carbon dioxide. It's the focus of my own research. It serves as the central motivating case though which the class will explore broader questions about environmentalism in the 21st century. We will read selections from great environmental writings such as The End of Nature to Desert Solitaire along with new writing about the Anthropocene. I aim to help students find their own voice through writing short informal blog posts, commenting on posts by peers, and participating in class debate. The human connection to the natural world

cannot be rightly understood in the abstract. So, we will take the class outside, from short explorations on campus, to an organized day-hike.

Course Notes: **There will be a required day-hike scheduled on Saturday, September 28th.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Freshman Seminar 51N

The Secrets of Stradivarius or What Makes the Violin Sound Beautiful? (212694)

Philippe Cluzel

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This is an exploratory seminar that draws concepts from many different fields ranging from music to evolution, machine learning, physics, biology, wood carving, and neuro-aesthetics. The goal of the seminar is to discuss the different concepts needed to understand the design of a violin and to propose new methods and technology to improve the quality of the sound it produces. Students will spend most of their time developing hands-on experiments whose final goal will be to transform low-cost violins into beautiful-sounding instruments using the ideas developed through the readings.

Recommended Prep: **Students are not expected to know any of the concepts and tools used in class, but in view of the highly interdisciplinary nature of the project, the ideal class would comprise individuals with a strong interest in either architecture, computer science, physics, biology, music, or an affinity with hand tools and tinkering.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Freshman Seminar 51O

Euclid's Elements: The Classical Legacy That Just Keeps Getting Better (212770)

Paul Bamberg

Mark Schiefsky

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Visit Athens: the Parthenon still stands, but its decorations are gone. Visit Rome: you can tour the Colosseum, but it is not in good enough condition to host a modern sporting event. Visit the Internet, though, and you can find Euclid's Στοιχεία (Elements), the greatest mathematics textbook ever written, in an electronic form that surpasses any ancient manuscript. You can view the Greek text and its English translation side by side and learn the origin of words like "rhombus" (ρόμβος) and "isosceles" (ισοσκελής) that you have probably seen only in your geometry class. Better yet, you can click on the word □ποτεινούσης (hypotenuse) and instantly learn that it is the feminine genitive singular form of the present active participle formed from the verb □ποτείνω ("subtend"). Had you been a member of the Harvard class of 1724, in the era when all Harvard students, according to the University archives, "followed a prescribed course of studies in Latin, Greek and Hebrew" and pursued disciplines that "included Rhetoric and Logic, Ethics and Politics, Arithmetic and Geometry," you would spend a great deal of time learning how to do this sort of parsing. This seminar explores the most famous theorems in the Elements, with special attention to ones that have arguably improved over the ages, since they have turned out to be valid not only in Euclidean geometry but also in non-Euclidean geometries like the spherical geometry of the Earth's surface, the hyperbolic geometry that provides an alternative to Euclid's postulate about the uniqueness of parallel lines, and the Minkowskian geometry that helped to inspire Einstein's theory of relativity.

Course Notes: **Professor Bamberg encourages you to email him with any questions, bamberg@math.harvard.edu.**

While the seminar is a mathematics course, not a language course, we will investigate the grammar and structure of ancient Greek and translate a few key definitions, postulates, and theorems. Students will have the option of pursuing additional topics in mathematics, in the Greek language, or in the geography of the large portion of the ancient world in which Greek was the common language of the educated.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Freshman Seminar 51P

What is a Species, and How Do Species Evolve? (212771)

James Mallet

2020 Spring (4 Credits) **Schedule:** T 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 12

One hundred and fifty years after Darwin wrote *On the Origin of Species*..., you would think that scientists already have a good definition of species. In fact, a major debate still rages among biologists as to what species are, and how they evolve from other species. This seminar will

cover these issues. Darwin used impeccable logic and convinced his readership by the 1860s that the entire diversity of life could be explained by means of evolution. Yet it's possible that prior creationist notions of species still prevented even most biologists from accepting Darwin's ideas about the nature of species. We needed a solid theory of heredity to understand what species are and how they evolve, and indeed it was this problem for evolution that led scientists to seek for and ultimately achieve the discovery of DNA. How has genetics and genome science changed our view of species? From 45,000 years ago, Neanderthals coexisted in Eurasia with modern humans for about 3,000-5,000 years. The latest genomic data show that some admixture took place. So, were we the same species? Or two different species? Does it matter? This seminar provides you with tools to make up your own mind on this. Course topics range over history, philosophy, and genetics; we explore the uses of species in classifying branches in the tree of life, and in conservation and laws about endangered species.

Course Notes: **There will be a required trip to the Harvard, Museum of Comparative Zoology for the purpose of identifying real species. No background in biology is required. All first-year students are encouraged to apply.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Freshman Seminar 51R Section: 01

Generating Biodiversity: Hands-On Research Experience in Speciation Biology (213249)

Robin Hopkins

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

What is a species and how do they evolve? How do we, as scientists, study the process of speciation and the generation of biodiversity? This is a research experience seminar in which you, as a student, will study how and why species evolve. For decades scientists have been arguing over the definition of "species". Why does the definition matter? Genetic diversity across genomes has revealed that many species hybridize and exchange genetic material (even humans). How and why does this happen? It has long been assumed that hybridization is bad for an individual or species. But, can hybridization also be good by generating biological diversity? We will discuss these ideas while performing research experiments on plants in the state-of-the-art research labs at the Harvard University Arnold Arboretum. The experiments will involve trying to generate hybrid seeds; quantifying the health of hybrid individuals; and using microscopy to determine the success or failure of hybrid pollen to germinate and grow inside a flower. Students will collect their own data, learn how to analyze it, and present their findings. In the process, we will explore fundamental concepts in evolution and biodiversity.

Course Notes: **The goal of this seminar is to provide an authentic research experience to students fascinated by biological diversity. Most classes will be held at The Arnold Arboretum of Harvard University. Transportation will be provided at no cost to the student.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Freshman Seminar 60C

Comics and Graphic Novels (203001)

Stephanie Burt

2019 Fall (4 Credits) **Schedule:** W 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Comics and graphic novels, or sequential art, are one of the world's great storytelling media: we're going to learn how to read them, how to talk about how they get made and how they work, how to understand—and how to enjoy— some of the kinds of comics and graphic novels (that is, some of the genres) that make up the history of this medium in the modern English-speaking world. That history has three strands, which cross and re-cross, but which need to be understood independently, and we will see all three: short-form strip comics, designed for newspapers beginning in the 1890s and now flourishing on the Web; action-adventure and superhero comics, invented in the late 1930s, transformed in the 1960s and again in the 1980s, usually created by teams, and important to popular culture today; and a third strand beginning with "underground" or "alternative" comics or comix (with an x) in the 1960s and evolving into long form graphic novels, often created by single writer-artists, today. That history comes with visual references, which you will learn to recognize; comics also comes with its own set of theoretical terms, which you'll learn to use. Comics today share a medium (pictures and usually words in sequence) but belong to several genres: we'll learn how to talk about them, and how they've evolved.You'll get the chance to make comics, and to figure out how creators collaborate, advocate, distribute, and sometimes even earn a living from the comics they make, but the course will focus on existing comics, from McCay to Bechdel, from Kirby to Ms. Marvel— as events in culture and as works of art.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Freshman Seminar 60D

Ireland Rising (203002)

Catherine McKenna

2019 Fall (4 Credits) **Schedule:** R 0345 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

One hundred years ago, in 1919, a parliamentary assembly met in Dublin and declared that "We, the elected Representatives of the ancient Irish people in National Parliament assembled, do, in the name of the Irish nation, ratify the establishment of the Irish Republic and pledge ourselves and our people to make this declaration effective by every means at our command." The members of this assembly, Dáil Éireann, had been elected to the Parliament of the United Kingdom of Great Britain and Ireland, but they refused to take their seats in that body, choosing instead to declare the independence of Ireland from Great Britain. On the very same day that Dáil Éireann met for the first time, members of the Irish Republican Army ambushed and killed two members of the Royal Irish Constabulary. These two events mark the beginning of a war of independence that would lead to the establishment of the Irish Free State in 1922 and the Republic of Ireland later on. This seminar focuses on the development of a sense of "Irishness" in the fifty years or so leading up to 1919—in politics, music, literature, the visual arts, athletics, and language. We'll find our way back into the 1919 moment and beyond, to the cultural revival that enabled it, by examining writers and storytellers of the period—including Yeats, Lady Gregory, Douglas Hyde and James Joyce--images and objects in Houghton Library and the Harvard Art Museums, documentary films, hurling matches, music, and more. We'll discuss the pros and cons of violent revolution as the means by which a colonized people "summons her children to her flag and strikes for her freedom," to quote the Proclamation of the Irish Republic of April 24, 1916. We will explore the range of cultural practices that defined Ireland as a people and a nation then, and consider how the integration of Ireland into the European Union and Brexit have reconfigured Ireland's relationship with the United Kingdom.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Freshman Seminar 60H

Faith and Fiction in American History (203005)

David Holland

2019 Fall (4 Credits) **Schedule:** T 0900 AM - 1130 AM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This seminar uses key literary works to explore some of the most difficult and demanding questions in the religious history of the United States: Does God have a special relationship with the United States? Is sin an individual responsibility or a social flaw? Why has American religion been so frequently concerned with sexuality? How has religion shaped racial identities and tensions? How does it inform domestic relationships? How do non-Christian immigrants find a place and a voice in a nation with deeply entrenched Christian traditions? To explore these and other areas of concern, we bore into the faith-inflected cultures of American history through the imagined narratives of some of its most celebrated writers, including the likes of Catharine Sedgwick, Harriet Wilson, Flannery O'Connor, James Baldwin, Rudolfo Anaya, Pearl Abraham, Ayad Akhtar, and Marilynne Robinson. I will offer mini-lectures to contextualize these works in their historical moment. We will read some scholarly work to sharpen our tools of analysis, but mostly we will read and talk about the novels themselves. The seminar aims to be both analytically rigorous and aesthetically rewarding.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration

FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Freshman Seminar 61C

Spanish-American Culture and Society in the 1960s—The Last Utopia? (205047)

Diana Sorensen

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

What was it like to be a Latin American student in the sixties? How did that period of social, political and cultural transformation come into being, and what have we inherited from it? We will begin with the Cuban Revolution, and then move across the hemisphere to see its art, fashion, music, film, literature and other cultural forms.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 61M

Silk Road Stories (205030)

Mark Elliott

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

The words "Silk Road" conjure up images of camel caravans crossing vast deserts and traversing lofty mountains with precious cargoes of textiles and porcelain. From ancient Chinese travelers and intrepid Buddhist pilgrims to plucky Venetians, swashbuckling Swedes, and adventurous Americans, the Silk Road has produced countless storytellers with enchanting accounts of "East meets West." But what do we really know about the Silk Road? What if it turns out that much of what we believe about the Silk Road turns out to be a myth? This seminar invites you to embark on your own Silk Road journey, exploring the invention of the idea of the Silk Road, the material and historical reality behind the fabled Eurasian trade routes, and the ways in which different Silk Road stories serve today as artistic inspiration, political capital, and economic stimulus. In the process, we will come to understand the peculiar biology of *Bombyx mori*, study attitudes toward cultural patrimony, and get hands-on experience in the Harvard museum collections, where the University's own history and that of the Silk Road intersect. The course aims to introduce you to the history of what we know as the Silk Road and to problematize that history in various ways; to expose you to the idea that globalization is a process with no beginning and no end; to challenge you to think about the role of culture in society and politics yesterday and today; and to persuade you that travel is the only way out of the prison of our own consciousness.

Course Notes: **Students are required to participate in a trip during class time to the Harvard Art Museums. There will also be two required evening film screenings.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Freshman Seminar 62F

Talking, Literary Animals (207516)

James Simpson

2019 Fall (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 12

What do imagined animals have to teach human readers? Why, when literary writers think about hunger, violence, sex, suffering, technology, expressivity, the gods, and education (for example), do they so often draw upon animal behavior to understand human practice? The representation of animals in literature tends to range from the cute to the terrifying, with the beautiful in between: animals are cute when they act like us, beautiful when they express desire, but often terrifying when we realize that we act like them. Cute representation of animals tends to characterize children's literature, while the beautiful and the terrifying material is on the whole reserved for the grown-ups (though those boundary lines are by no means uncrossed). Cute animals tend to be small, the beautiful mid-size, and terrifying huge. Either way—cute, beautiful or terrifying—we need animals to think, no doubt because we are ourselves animals, even if we often pretend not to be. Our habitual ways of looking to animals in order to think about ourselves almost always deploy analogy and/or metaphor; the thought experiment sometimes takes the form of having animals actually cross species lines (animals becoming human, or, more commonly, vice versa). This seminar will focus on extraordinarily brilliant animal literature (funny, mordant, touching, sophisticated) in great European literature, from the last 2000 years. The seminar will also teach students how to read literature. On many weeks we will explore the book history of our texts, including texts held in the astonishing riches of Harvard Library System holdings. Throughout the seminar we will also make frequent reference to visual images of animals. The class will be entirely open to news from evolutionary biology that students bring to it, but its focus is not on the non-human natural world in and for itself; the focus is, rather, on the way in which humans represent animals in order to understand human behavior.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Freshman Seminar 62I

Experiencing Poetry: Love, War, Nature and Religion in Four Major Twentieth Century Poets (207763)

Neil Rudenstine

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

In our seminar, we will read four major twentieth century poets—from some of their early work to their latest. The hope will be to see how each poet developed during the course of his or her career. How did their

styles and their deepest concerns alter over the course of a lifetime? We will run the seminar as a lively discussion group, and will read the poems in some detail, trying to understand their tones, structures, and cadences—reading them aloud as well as silently. In the work of W.B. Yeats, we will see major changes in his conception of love, as well as his views of Irish nationalism and the Irish revolution. Meanwhile, in T.S. Eliot, we find a narrator whose essential quest is spiritual, beginning with Prufrock and then The Wasteland (to which we will devote two weeks). Elizabeth Bishop introduces a highly original voice that expresses personal emotions obliquely and, in effect, "objectively" through understated descriptions of events and places. Finally, W.H. Auden's trajectory shows an early (1930s) portrayal of human nature and society that is in certain respects similar to Eliot's but that ends very differently, suggesting values and ways of life that are much less foreboding. In the seminar's first week, we will read and analyze a small group of lyrics by a few writers (none of whom will be identified by name or exact time period). This will be an exercise in "close reading" intended to help us judge poetic quality, because some of the lyrics will be excellent—and some quite dismal! The week is meant to be enjoyable, and our discussion should be fun and perhaps hilarious. There will be four essays due—one on each poet—during the course of the term, about 7–8 pages each.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Freshman Seminar 62L

Knowing Cicero (207810)

Jared Hudson

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

More than any other person from Greco-Roman antiquity, the Roman orator, politician, and philosopher Marcus Tullius Cicero (106-43 BCE) appears to be someone we can "get to know." Over eight hundred detailed, often highly personal, letters of his survive (most not intended for publication), as well as around a hundred from his correspondents, not to mention his fifty-odd extant speeches (most promoting a particular persona) and several self-portraits in his philosophical and rhetorical dialogues. Such a relative abundance of documentation, together with a fertile and complex afterlife in subsequent literature and culture, has led to a number of assumptions about Cicero's "character" or "personality"—the man behind so many eloquent words. Yet a quick look at past reactions reveals just how changeable posterity's judgment of Cicero the man has been: "Every one admires the Orator and the Consul; but for my Part, I esteem the Husband and the Father. His private Character, with all the little Weaknesses of Humanity, is as amiable, as the Figure he makes in publick is awful and majestic." (Steele, 1710); "the most unstable and timid of all Roman statesmen" (Mommsen, 1856); "We may say then without discrediting Cicero, that he was not altogether fit for public life" (Boissier, 1897); "a man of mild temper and of constitutional timidity, but of honest heart and sincere purpose" (Strachan-Davidson, 1900); "no other antique personality has inspired such venomous dislike" (Shackleton Bailey 1971). This seminar offers an in-depth investigation of what it might mean to "know Cicero" today, some two thousand years after he lived. After an introduction to ancient approaches to biography, it will use selections from the *Letters* alongside scholarly biographies to explore key phases of Cicero's life in which the most fascinating and vivid glimpses of his personality are on offer. The last sessions will be devoted to contemporary representations of "Cicero the man" in popular fiction and television. By getting to know Cicero we will consider what his compelling life has to teach us about self-presentation, persuasive speech, and the limits of biography.

Recommended Prep: **No prior knowledge of Cicero, Latin, or the ancient Roman world is**

assumed or required in order to take this seminar. The seminar will include a visit to Houghton Library to examine some of the library's rare manuscripts of Cicero's works.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Freshman Seminar 62P

War in Fiction and Film (207812)

Justin Weir

2019 Fall (4 Credits) **Schedule:** T 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

War has always been one of the most important subjects of art and literature, but in the twentieth and twenty-first centuries, public ideas about war and military service have been formed increasingly by film and other visual media. In this seminar we will consider the different ways war has been depicted in literature and in films. We will spend some time identifying the conventions and clichés of the genre, and we will have occasion to discuss depictions of war in news coverage, documentaries, and video games. But we will mainly be reading and viewing several masterpieces—including novels and stories by Leo Tolstoy, Isaac Babel, Ernest Hemingway, Kurt Vonnegut, Cormac McCarthy, Tim O'Brien, and Phil Klay, and films by directors Jean Renoir, Stanley Kubrick, Francis Ford Coppola, Stephen Spielberg, Terrence Malick, and Kathryn Bigelow. In our discussions, we will reflect on how these largely fictional narratives of war have shaped our understanding of culture, politics, and history.

Recommended Prep: **There are no prerequisites for the seminar. The seminar is designed for a general audience. Literary and/or media studies backgrounds are not required, nor is the material presented in a way that requires any special knowledge of military history. All texts originally written or filmed in languages other than English will be provided in translation or with subtitles.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 62Q

Thinking about Race and the Law in American History: Liberal and Critical Perspectives (207778)

Kenneth Mack

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

What is race? What is law? What does law have to do with race and racial inequality? We talk about these kinds of questions all the time when we discuss familiar cultural touchstones as the Brown v. Board of Education decision, the legacy of slavery and Jim Crow, and topics such as the Black Lives Matter movement. In this seminar, we will examine the role law has played throughout American history in creating racial categories, maintaining and eliminating racial hierarchy, and policing the borders between race and other classifications such as gender, sexuality and ethnicity. The civil rights movement taught mainstream Americans that law could be a tool to remedy past sins and made the promise of equality real for all citizens. In recent years, however, this conception of law and its role in the world has been criticized from many quarters, and many of those doubts have coalesced into a field now known as Critical Race Theory. In this seminar, we will bring the long-running dialogue between liberal and critical approaches to race and the law up to the present day. Which approach, or combination of approaches – liberal or critical – best describes our present circumstances? Which would seem to describe a more realistic view our our future? Which provides the tools that we might need to grapple most productively with that future? These are some of the questions we will explore in the seminar.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 62R

LGBT Life Stories (212729)

Linda Schlossberg

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

In this seminar we'll read a range of classic LGBT life stories (memoirs, journals, diaries, essays, and autobiographies), beginning in the 1800s and ending in the present. We will study them as products of their specific historical moment, paying close attention to changing ideas about race, class, gender, and sexuality. Questions: How do people narrate the story of their identity? What aspects of their life histories do they highlight; what do they censor? How does the "coming out story," generally understood to be characterized by truth-telling and revelation, borrow from the conventions of fiction?

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 62S

Challenging Reality: Literature and Social Justice (212781)

Nicole Suetterlin

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

What do vampires, zombies, ghosts, and cyborgs tell us about *ourselves* and our society? In this seminar we explore how literature critiques social injustices by challenging our notions of reality. Of particular interest to us are texts, films, and visual artworks that push beyond the confines of societal norms through their use of uncanny figures. From the man-made monster breaking loose in Mary Shelley's Gothic classic *Frankenstein,* to the ghost of a traumatic past haunting Toni Morrison's *Beloved* – how do these fantastical figures question the way in which we interact with others, and how others interact with us? Who *is* the monster in these scenarios: a part-human cyborg like Frankenstein's "creature," or the humans who exclude him from society because of his otherness? Chasing various "monsters" from the 18th to the 21st century, all the way to the popular TV series *The Walking Dead*, we explore how their stories challenge the social realities of their time and ours. Texts by influential American, British, French, and German authors invite us to understand the perspective of those whom society excludes because they voice dissent and envision a different, just reality. Our readings include the autobiography of Bryan Stevenson, a Harvard Law School graduate and civil rights lawyer who has been fighting a living "ghost" of slavery for the past three decades: racial bias in the U.S. criminal justice system. Topics include: racial justice, economic justice, migration, women's rights, cultural trauma.

Course Notes: **This seminar will include a workshop with Boston Mobilization, a local, student-led, non-profit organization promoting social justice, movie nights for our films, and visits to the Harvard Art Museums and the Houghton Library.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Freshman Seminar 62U

Zombies and Spirits, Ghosts and Ghouls: Interactions between the Living and the Dead (212697)

Shaye Cohen

2019 Fall (4 Credits) **Schedule:** R 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Virtually all the cultures and religions of the world, from ancient to contemporary times, have teachings and rituals about death. In this seminar we will deal with a subset of this very large topic, namely, the relationship of the living and the dead. The dead are often depicted as still-living in some way and still in communication with us and our world. Are they friendly or hostile? Beneficent or malevolent? Think "undead" and "zombie" versus "saint" and "angel." In this course we will look at some of the myriad ways

that religions and cultures conceive of the relationship of the living with the dead. We the living care for the dying and the dead, and hope that the dead will care for us, but how this works exactly is the subject of much speculation. American secular culture, at least in its cinematic expression, has a vigorous belief in the afterlife, especially in having denizens of the afterlife, in the form of zombies, ghosts, and poltergeists, intrude on the world of the living. In our seminar we will survey this rich set of themes as expressed in literature, art, music, cinema, and philosophy.

Course Notes: **There will be a required field trip to Mount Auburn Cemetery in Cambridge, date to be decided.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Freshman Seminar 62V Section: 01

Faulkner, Ellison, Morrison (212700)

Jesse McCarthy

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0530 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

The "Great American Novel" is infamously a difficult notion to harpoon and reel in, but any list of great American novelists will undoubtedly contain the names of William Faulkner, Ralph Ellison, and Toni Morrison. Together we will read some of the most celebrated and powerful works of fiction produced during what Henry Luce called "The American Century." We will ponder the significance of these literary giants in relation to U.S. and global history, the role of the novelist as a voice of conscience, and the place and prestige of fiction as a site for grappling with history and morality, as well as the impact of modernism and postmodernism on novelistic form. We will explore the treatment of race, class, gender, and regionalism, and how these writers weave the fissures of our social fabric into texts that attempt to reconstitute and restore marginal perspectives, sustaining narratives that encompass this vast complexity while also discovering within themselves moments of aesthetic bliss. Many of the novels we will read are long and challenging; they are also some of the most essential and lasting testaments to the genius of literary art in the last century.

Course Notes: **This is an intensive reading course and interested students should be willing to commit to a heavy weekly reading load.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Freshman Seminar 62W

Music from Earth (212701)

Alexander Rehding

2019 Fall (4 Credits) **Schedule:** W 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 12

In 1977 NASA shot a mixtape into outer space. The "Golden Record," as it is known, is aboard the Voyager spacecraft, which is now outside the solar system on its way into the unknown. It contains a selection of music from all over the world, environmental sounds, images, and greetings in 55 human languages. The hope was that somehow, sometime, many thousand years from now, extraterrestrials might pick it up and experience a slice of human culture. In 1977 the idea that there might be nonhuman life "out there" was a pipedream, but in the intervening years we have discovered a large number of exoplanets. By now the tables are turned: it is statistically more likely than not that there is intelligent life on other planets. We will follow the big questions the Golden Record raises: What would happen if someone found the Golden Record at the other end? What does "listening" mean in this vast context? (Do aliens have ears?) How do we represent human culture to other unknown civilizations? How do we teach extraterrestrials how to use the Golden Record? It will take over 40,000 years for Voyager to get close to the nearest star—will human culture exist then? Even if you are not planning to major in interplanetary musicology, this seminar sets you off on a trajectory that can help you with both arts and sciences.

Course Notes: **Ability to read music is not required. The seminar includes visits to several of Harvard's unique facilities. An interest in bold and creative ideas is welcome.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Freshman Seminar 62X

Regulation or Anarchy? The State and its Critics (212706)

Susanna C. Siegel

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

What are law and government for? What makes them important, and what do they mean to you? Laws can seem abstract and impractical. If no one else is at the intersection and you can see for miles in every direction, do you really have to stop? Teenagers tend to shoplift more than people of other ages. Do you think that's because they tend not to feel the force of law as strongly as people who don't? In this seminar we'll consider some of the most basic justifications offered for government, as well as the opposing idea that people could be better off without any government at all. As previously deeply entrenched political institutions in the US, Europe and India are increasingly challenged and destabilized, our readings will introduce systematic challenges to the state and fundamental defenses of it. One of our goals is to locate authoritarian forms of government in relation to both sides of this debate. Relative to democracy, authoritarianism scales back the state in some ways and strengthens it in others. Readings draw from philosophy, legal thought, political science and ancient history, and authors include Plato, Hobbes, James C. Scott, and Frederick Schmitt, as well as contemporary business moguls who argue that a small echelon of super-wealthy should control the basic resources needed for human life. Since we're going work

through these ideas and texts together, we'll need all the help from each other that we can get: all the viewpoints, intuitions, experiences, and background assumptions. So bring your minds, your curiosity, and your imagination, and let's learn and read and discuss these basic questions about society together.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Freshman Seminar 62Y

Back to the Future: How the Past Imagined the Cities of Tomorrow (213247)

Bruno Carvalho

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Humans spend a lot of time thinking about the future. In this seminar we will discuss how urban futures were imagined in the past. And how things often turn out in very unexpected ways. European colonizers projected fantasies about the future onto the Americas, and in the past two centuries we have witnessed a boom in utopian and dystopian works about cities. We can think of much of modernity in terms of competing visions of what the future ought to be like. Besides flying vehicles, in the 1920s, for example, some vied for car-centric, highly segregated cities, others for mixed-race, multicultural communities. In modernity, we tend to assume that the future will be radically different from the past. But not all cultures have thought that way, and we will also consider alternative conceptions of time. As a set of expectations, the future helps to shape the present—even if it never quite arrives. Today, with climate change and labor precarity setting in, it often seems as if a dreadful future is inevitable. Is our contemporary condition marked by innovation or exhaustion? From a catastrophist point of view, it is as if the future, not the past, is already fixed. In this seminar, we will investigate the urban visions of authors, designers and filmmakers, asking: how did unrealized projects impact the built environment? How can fiction and the arts stretch the limits of the thinkable? How might futures imagined in the past help us to address current urban and environmental challenges?

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 62Z

Buddhist Enlightenment: Visions, Words, and Practice (212769)

Ryuichi Abe

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

How do you get enlightened? Is the Buddha a god or human? How many Buddhas are there in the world? How many celebrated enlightened women do we find in Buddhism? How do you know if someone is enlightened? And why does Enlightenment matter? These are basic questions that even most recondite books of Buddhism often fail to answer. This seminar looks at famous visual images of Buddhist enlightenment—not only iconographies of Buddhist divinities, but also architecture, gardens, ritual instruments, and maps of the world—and using them as our gateways, studies narratives, parables, metaphors, and theories that explain what enlightenment is, how to attain enlightenment, and how to retain it in one's everyday life. The seminar encourages students to apply their understanding of Buddhist enlightenment as a way to better appreciate their own religious traditions and/or spiritual identities for the sake of enriching their inner selves as well as their social interactions.

Course Notes: **There will be two required visits to the Harvard Art Museums related to the final student project.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 63C

The Symphonies of Dmitri Shostakovich (212779)

Anne Shreffler

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

The symphonies of Dmitri Shostakovich (1906-75) are just as relevant and controversial today as they were during the composer's lifetime. Shostakovich's fifteen symphonies span his entire creative life; starting with his First Symphony, which made the 19-year old composer famous overnight, and ending with his Fifteenth, completed four years before his death. As a public genre, the symphony was the perfect vehicle for Shostakovich to react to his tumultuous times and explore the human psyche. The ups and downs of Soviet politics and culture indelibly shaped Shostakovich's career: the innovative fervor after the Russian Revolution, Stalinism ("Socialist Realism" and the Terror), the Second World War, the post-Stalin "Thaw" after 1956, all the way to the height of the Cold War. Shostakovich was at times encouraged and supported by the Soviet regime, and at other times, reprimanded and punished severely. But Soviet audiences always treasured his work because they heard in it deeply felt emotions that could not be publicly acknowledged. Today's audiences react just as strongly, for different reasons. In the seminar, we will listen closely to all fifteen of Shostakovich's symphonies, learning about their musical features and the political contexts in which they were born and received. We will focus on three main themes: 1) composing in a totalitarian state, 2) how music can be said to "narrate," and 3) the orchestra as sound world. We will work from scores and selected recordings, and will attend a live performance of the Boston Symphony Orchestra.

Course Notes: **There will be a two required concert trips. One will be to hear the Boston Symphony Orchestra performing Shostakovich's 2nd Symphony on Nov. 21, 2019 as part of an ongoing project by the BSO and conductor, Andris Nelsons, to record the complete Shostakovich symphonies. There will be no cost to the student.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Freshman Seminar 63D

Ancient Greek Tragedy for the 21st Century (212782)

Naomi Weiss

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 13

In Athens in the fifth century BCE, thousands would gather at the theater to see the latest plays of Aeschylus, Sophocles, Euripides, and their contemporaries. Their tragedies grappled with pressing questions of the day: What are the consequences of war? Why should we believe in god(s)? Should we obey the law or put our family first? What happens if a woman has power? How different are we from foreigners? 2500 years later, the handful of tragedies that survive continue to be performed and adapted across different media—in plays, novels, TV dramas, films, art installations, and advertisements. As when these plays were originally performed, they are frequently used to address urgent sociopolitical issues, from fascism to racism to women's rights to immigration. In this course we will read and watch a selection of Greek tragedies alongside some of their most recent reincarnations, many of them created by women, people of color, and non-Western artists. We will think about how these ancient plays, largely produced by and for Athenian citizen men, resonate so powerfully with a remarkably diverse range of 21st-century audiences. Topics for discussion will range from child sacrifice in *Game of Thrones* to the *Oresteia* reimagined in post-apartheid South Africa. For their final assignment students will produce their own tragic adaptations.

Course Notes: **No prior knowledge of ancient Greek language or culture is required.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Freshman Seminar 63E

Religion, Neuroscience, and the Human Mind (212784)

David Lamberth

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

More than 150 years after Darwin's epochal account of evolution, over 85% of the world's 7 billion people are still religious, and the percentage is growing. What does religion do for human beings? What does an

evolutionary and biologically informed understanding of the mind and brain lead us to think about where religion fits in human life? Harvard's first psychologist, William James, engaged these questions in the late nineteenth century, bringing the cutting edge of empirical psychology to the philosophy of religion. Today these same questions animate the field of neuroscience, where researchers are showing how affectivity, emotions, and our evolutionary past come together to form the "self" philosophers have long thought to be primarily "rational." This seminar brings together the thought of James, writing at the turn of the twentieth century, with the work of contemporary neuroscientist Antonio Damasio to ask what kinds of beings we are, how our minds function, and what religion contributes to human individual and societal experience? The seminar takes up the philosophy of belief, affect, and emotion, and touches on the biology of the brain and homeostasis. We conclude by assessing contemporary views of religion from evolutionary psychology (Boyer, Atran) and cultural anthropology (Geertz, Luhrmann, Asad) in light of James's and Damasio's models of the human mind.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Freshman Seminar 63F

Gnosticism and Film (212786)

Charles Stang

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Are you anxious about political surveillance and domination, the dangers of technological innovation (especially artificial intelligence), the possibility of alien life and its intentions, and the threat of environmental devastation, and other apocalyptic futures? You're not alone: contemporary filmmakers are constantly exploring these themes. What may surprise you, however, is that these filmmakers are increasingly turning to an ancient spirituality, sometimes called "Gnosticism," as a resource for thinking through these anxieties. "Gnosticism" is a spirituality that existed at the margins of several religions of antiquity, including Christianity. While there is no single set of Gnostic beliefs, it is characterized by a distinctive mythology in which the world we inhabit is believed to have been created by a malevolent or ignorant god, and governed by its deputies. Gnosticism emerges, then, as a critique of the created order and the powers that be, and imagines forms of resistance and liberation, including how to seek out the true god, who is higher than the creator and its deputies. This distinctive spirituality and mythology come down to us through ancient texts, some of which have only recently been discovered, and their modern interpreters. This seminar examines Gnosticism's sudden resurgence in the world of film (and increasingly, in television), especially in science fiction and fantasy. From *Bladerunner* to *Westworld*, from *The Matrix* to the *Alien* franchise, we see more and more films picking up this ancient mythology and playing with it. The aim of this seminar is to equip students with the texts and tools to see this ancient spirituality at work in our contemporary culture.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Freshman Seminar 63H

Ethics for a Broken World (213248)

Ned Hall

2019 Fall (4 Credits) **Schedule:** T 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 13

This seminar borrows its title from philosopher Tim Mulgan's book of the same name. Mulgan imagines how basic questions about ethics and political justice might look to our descendants in one all-too-possible world: a "broken" world in which critical natural systems can no longer be depended on for basic goods, where disaster strikes unpredictably and peace cannot be guaranteed. The book takes the form of a series of philosophy lectures, drawn from a course taught some time in the future, looking back on our own time as an "age of affluence" whose basic moral and political outlooks were shaped by expectations of material security that can no longer be maintained. This is a stark, emotionally daunting, and powerful framing device. By working through the book in detail, we will aim to come to an uncompromisingly clear-eyed view of the central ethical and political issues that are rapidly confronting us as the ecological crisis unfolds. It is too late to avert the crisis: Like it or not, profound changes in lifestyle will be forced on all of us, if we do not wish to leave the world so broken as to be uninhabitable. How can these changes be managed in as just a fashion as possible? How can we build the resilience into our social and political institutions needed to weather the coming storms as humanely as possible? What basic stances towards ethics and politics will we have to rethink? These are some of the questions we will attempt to answer.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Freshman Seminar 63I

The First Americans: Portraits of Indigenous Power and Diplomacy (213250)

Shawon Kinew

2019 Fall (4 Credits) **Schedule:** F 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Harvard's Peabody Museum of Archaeology and Ethnology is home to 25 oil portraits of indigenous American leaders painted in the first half of the 19th century. Originally commissioned to preserve cultures an American bureaucrat feared would be extinct, these paintings transcend a moribund history. In fact, the Native American nations represented are still here. Moreover, these portraits have much to teach us about diplomacy, power, representation and indigeneity in 2019. The Peabody portraits, painted by the American

artist Henry Inman, represent some of the most fascinating political leaders of the American nineteenth century—chiefs, spiritual leaders and diplomats, who all traveled to Washington, D.C. to negotiate with the U.S. government on behalf of their tribal nations. Through the close examination of these artworks in person at the Peabody, this seminar will focus on the stories, histories and teachings communicated by these portraits and their sitters.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 63J

Islam vs. Image?: Visual Representations in Islamic Art (213252)

David Roxburgh

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Is Islam against images? For reasons that are perplexing and hard to pinpoint, this notion appears to have been promoted by ideas about Islamic doctrine and an endemic hostility toward images which has only been magnified after recent years of religious extremism and terrorism. These include the Taliban's destruction of the Bamiyan Buddhas in Afghanistan in 2001, and the Charlie Hebdo mass shooting in Paris 2015 over the cartoons representing the Prophet Muhammad. And yet there is ample evidence of making and using images across the time and space of Islam. The stereotype of Islam's antipathy toward paintings and drawings, etc., has fostered the understanding that calligraphy and geometry flourished because of figuration's illicitness. These ideas and assertions are misleading and incomplete. The Seminar is an opportunity for personal reflection and to study the issues at stake in questions about the values, forms, and functions of images and examines a broad variety of images produced throughout the Islamic lands from 600–1900. Each week focuses on a selected case study that together span diverse subject matters, mediums, functions, and contexts, and invite thought about a spectrum of modes of representation. We will learn that the condition of images in Islam is as diverse and complex as the religion itself which cannot be reduced to a unified or monolithic expression, to a singular system of belief.

Course Notes: **Each weekly meeting is held in the Art Study Center of the Harvard Art Museums with selected works of art.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 70G

Entrepreneurship and Venture Capital in the Global Economy (203010)

Paul Gompers

2020 Spring (4 Credits) **Schedule:** M 0600 PM - 0845 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Entrepreneurial activity has been a potent source of innovation and job generation in the global economy. In the U.S., the majority of new jobs are generated by new entrepreneurial firms. Entrepreneurship has had many definitions over the past two and one half centuries since Richard Cantillon first used the term in the early 18th century. Some have focused on the risk-bearing nature of entrepreneurship, while others have focused on the innovations that entrepreneurs create. Both are important elements of what entrepreneurs do, but neither is a complete definition of entrepreneurship. This seminar will examine the role that entrepreneurship and venture capital plays in economic development and innovation. Academics and policy makers have long highlighted the critical role that these sectors play in promoting a dynamic economy and opportunities for sustained competitive advantage. In particular, venture capitalists have been the source of financing for most of the major technology leaders including Microsoft, Apple, Google, Amgen, and Facebook. Numerous countries have sought to grow their domestic venture capital industry. This seminar will explore the phenomenon through the lenses of economics, history, and psychology. Entrepreneurial and venture capital markets in the US, Israel, and China will be examined in depth through academic articles, books, and Harvard Business School case studies. In addition to traditional class sessions, the seminar will incorporate field trips to the Harvard Innovation Lab and startup companies.

Course Notes: **The seminar will meet for only 2 hours within the time block. In addition to traditional class sessions, the seminar will incorporate field trips to the Harvard Innovation Lab and startup companies.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration

Freshman Seminar 70K

Morality, Leadership, and Gray-Area Decisions (203014)

Joseph Badaracco

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Everyone with serious responsibilities, at work and throughout their lives, faces gray area decisions. In organizations, these highly uncertain, high-stakes decisions are delegated upward, to men and women in leadership positions. They have to make final decisions on these problems, despite the gray, and these decisions test their competence and their humanity. This seminar offers a variety of important perspectives on gray-area problems and on ways to resolve them, responsibly and effectively. The seminar begins by examining gray area problems in various professions and lines of work. Subsequent sessions focus on three different ways of resolving gray area problems – in terms of accountability, character, and action. A typical session of the seminar will draw upon classic works of fiction, basic ideas in moral philosophy, and contemporary situations. These situations are typically described in short case studies involving men and women early in their careers, and they give students in the seminar the opportunity to grapple with these problems in personal terms – by discussing what they would do in these situations. From time to time, students will write short papers, which will be discussed in the seminar.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration

Freshman Seminar 70P

The World of Tomorrow: Inhabiting the 21st Century (203389)

Arthur Segel

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

***"Today, we are shapers of the world of tomorrow. There is no way we can duck the responsibility, and there is no reason why we should."* - —Walt Disney**

Considering the world of tomorrow lends itself to a wide array of considerations. It determines where and how we live, work, play, and dream. Crafting the future embodies concrete stances on a wide variety of social, political, and economic concerns within a society. The quality and availability of affordable housing, for instance, is not merely an economic concern, but also a value judgement about the obligations of a society to its citizens. By examining these issues on a variety of realms, ranging from factory farming to global poverty, students explore the fingerprint of societal values and how they can be a vehicle for both positive and negative change. The seminar weaves together the practical aspects and social factors that will contribute to building the future. Each week, students will take on the role of decision-makers and engage with a wide variety of ethical, aesthetic, political, environmental, and social considerations. We will discuss how issues such as climate change, rapid urbanization, artificial intelligence, resource scarcity, economic inequality, and geopolitical conflicts, affect us as both inhabitants and constructors of tomorrow's world. Week by week, students will partake in conversation and debate with prominent professors, business leaders, and policymakers from around the globe.

Course Notes: **As part of this dual process of investigation and application, students will have the opportunity to meet with world-renowned academics and executives while also taking excursions into Cambridge and Boston.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Freshman Seminar 70Q

Keeping It Simple: Consumer Financial Protection in a Complex World (205027)

John Campbell

2019 Fall (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 12

People face a daunting array of problems in managing their financial lives. Taking out student loans, managing bank accounts and credit cards, financing a home purchase with a mortgage, and saving for retirement are all major challenges. There is evidence that many people lack the skills they need to meet these challenges. This seminar has three goals. The first objective is to give participants a basic grounding in financial literacy: principles of finance that we can use in our own lives. The second objective is to introduce research on the ways in which households use the financial system, emphasizing common financial mistakes and financial products that seem prone to misuse. We will learn to read papers from the academic economics literature, focusing on the papers' central ideas and empirical findings. The third objective is to explore ways in which the financial system can be improved to make it easier and safer to use. We will discuss the role of financial advisers, technological solutions ("fintech"), and public policy interventions including required disclosures, default choices ("nudges"), and regulations restricting access to financial products. We will monitor developments at the Consumer Financial Protection Bureau and other government agencies involved in consumer financial regulation.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Freshman Seminar 70V

Law at Work: Employment Rights in the Age of Uber (205071)

Benjamin Sachs

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Work is what most of us do with most of our time. Even before we start a career, we invest our energy in preparing for work and in imagining what work life will be. In this seminar, we explore the multiple ways that *law* defines what work is like in the contemporary United States. We start with the question of how much power an employer should have over employee: should it really be legal to fire someone for wearing the wrong tie or having the wrong spouse? We then debate the issue of appearance codes, asking whether an employer should be able to require women to wear makeup or to ban employees from having dreadlocks. We will explore the ways in which sexual orientation, gender identity, and immigration status impact employees' rights at work. And we will ask whether it ever should be legal for an employer to hire employees of only one gender: should Hooters Restaurant, for example, be permitted to hire only women as waiters or should those jobs be equally available to men? The seminar also will examine the way law polices the line between work and "life" by looking at the emerging right-to-disconnect. And the seminar will address the fundamental question of *who* exactly is an employee: do Uber drivers or college football players count? The seminar concludes with a discussion of the ways technological changes are transforming work and, with it, the law that governs this central feature of our lives.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Freshman Seminar 70Z

Regulating Online Conduct: Speech, Privacy, and the Use and Sharing of Content (205179)

Christopher Bavitz

2019 Fall (4 Credits) **Schedule:** R 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

In the course of a few short decades, the Internet has become integral to significant swaths of human experience. It has radically altered modes of interpersonal engagement, democratized access to tools of mass communication, and changed the role of gatekeepers that traditionally controlled access to music, video, and other media. Given the breadth of its impact, it is not surprising that the Internet has pushed the bounds of legal doctrines that govern speech, privacy, and the creation and exploitation of content. Mass-scale online distribution of copyrighted works tests the limits of legal doctrines developed in an era of physical copies. Age-old tensions between privacy and the right to free expression have been exacerbated in cases where one's right to speak bumps up against the desire of another to keep information private. And, the ability to share—and, thus, to consume—extraordinary amounts of personal data has impacted government (which collects and uses data for purposes of law enforcement) and private companies (which collect and use data for purposes of advertising and monetization). This seminar will provide an overview of legal doctrines that govern the online conduct of individuals and institutional actors. It will address the rights and responsibilities of the intermediaries that mediate many of our online activities – social networks, cloud-based storage services, email providers, and the like. Students will consider old and new legal frameworks and the ways in which the law informs strategic decisions for those that operate online. The seminar will address some of the most important and complex policy debates of our day—regarding the proper scope of intellectual property protection; the balance between a robust environment for online free expression and a desire to protect against harmful speech; and the ways in which the law addresses privacy vis-à-vis both government and private actors. Readings and in-class conversations will cover legal cases and case studies, offering students a high-level view of the technical, legal, and business landscape and allowing them to delve deeply into particularly difficult sets of problems concerning the regulation of online conduct.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 71C

The Supreme Court and Social Change: Lessons from Landmark Cases and Key Reform Movements (205180)

Tomiko Brown-Nagin

2020 Spring (4 Credits) **Schedule:** W 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Justice Oliver Wendell Holmes famously wrote: "The life of the law has not been logic; it has been experience." This seminar considers the idea of experience—including events external to legal doctrine—affecting the law. It discusses how social movements—groups of citizens mobilized in support of a cause—

deploy the Constitution and other types of rights talk to "frame" disputes and move forward their agendas. Seminar participants will discuss how movements crystallize grievances, mobilize supporters, demobilize antagonists and attract bystander support by referencing constitutional rights and other ideas about law. It also considers the effectiveness of movements' legal strategies. The seminar considers these questions in relation to the abolitionist, woman suffrage, civil rights, women's rights, anti-poverty, same-sex marriage and Tea Party movements, among other recent reform efforts.

Course Notes: **The class will be held at the Radcliffe Institute, Radcliffe Yard, 18 Mason St, Knafel Center, 104-Dean's Seminar Room.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 71F

The Origins of the Human Mind (205222)

Susan Carey

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

The adult human mind is a unique phenomenon on earth. Only people can ponder the causes of and cures for global warming or pancreatic cancer, and can think thoughts about molecules, genes, democracy… Animals, and human infants, do not have most of the 500,000 concepts expressed by words in English. How does the human mind work, and how can we understand how it came to be, with its vast repertoire of concepts from which we routinely compose thoughts? In this seminar, we will explore together the origins and development of human knowledge in the individual child, in relation to two larger time scales: biological evolution and historical/cultural development. We will begin with several case studies, including case studies of the origin of the concepts *natural number* and *living being*. Each case study illustrates how all of the disciplines within the cognitive sciences, as well as anthropological, archeological and historical disciplines, shed light on these issues. The main focus will be on experimental work from psychology. We will then turn to case studies chosen by the participants in the seminar. By the end, seminar students will have a grasp of the theoretical debates about the nature of the human mind that have animated philosophy since the time of the Greek philosophers, as well as why considerations of the origins of the mind were always seen as central to these debates. Students taking this seminar should have an interest in learning about the cognitive sciences, which draw primarily from linguistics, analytic philosophy, computer science, and experimental psychology.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Freshman Seminar 71G

Americans at Work in the Age of Robots and Artificial Intelligence (207507)

Benjamin Friedman

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Where will the coming generation of Americans (say, today's 18-year-olds) find jobs? And will the jobs be worth having? People have worried about losing their jobs to technology at least since the Luddites 200 years ago. In the aggregate, they have been wrong. The automobile put lots of stable boys and saddle makers out of work, but it created vastly more jobs making cars, and fueling them and repairing them, and it opened the way for whole new industries like roadside motels and restaurants. With robots increasingly performing the tasks once done by blue-collar labor, however, and computers and artificial intelligence now eliminating the need for many workers once thought to be immune because of their cognitive skills, today's technological threat seems different. It is no longer just the unskilled and undereducated whose jobs are at risk. Moreover, the challenge may be especially acute in America, where wages are far higher than in many other countries and an ever greater share of what we consume and invest not only can be provided from overseas but often is. Does the next generation of Americans, then, face a genuine threat from advancing workplace technology? If so, what are the dangers – not just economic, but social, political, even moral – to the country as a whole? Most important, what can we do about it?

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Freshman Seminar 71N

The Causes and Consequences of Inequality (207818)

David Deming

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Why has earnings inequality in the U.S. and other developed countries increased so much since the 1970s? What are the consequences of rising inequality, and what can we do about it? This seminar provides an overview of what social science has to say about the causes and consequences of inequality, and engages students in a critical and balanced discussion of the positive and normative issues concerning rising inequality. Example topics include: 1) the key role of education and skills in rising inequality among the "99 percent"; 2) rising wealth inequality and taxation; 3) segregation, racial discrimination and the criminal justice system; 4) globalization and international trade; 5) elite capture of the political system, mass media and "big money" in politics. The goal of the seminar is to introduce analytical and moral frameworks for thinking about inequality, and to relate those frameworks to specific political and policy tradeoffs in the U.S. and around the world.

Course Notes: **There will be a required trip to Mt. Auburn Cemetery.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Freshman Seminar 71O

The Heart of Medicine: Patients and Physicians and the Experience of Serious Illness (207777)

Susan Block

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Sickness and death are universal human experiences. Yet we are often uncomfortable talking and thinking about them in relation to ourselves, and to those whom we love. The core thesis of this seminar is that exploring these human vulnerabilities is a way of learning to live a more meaningful life, strengthening relationships, and helping us be better caretakers of people we love, and of people whom we serve in a professional role. In this seminar, we propose to examine, from multiple perspectives, the social, cultural, psychological, economic, and spiritual factors that influence the experience of serious illness. The seminar will draw on core readings from the humanities, social sciences, and medicine to deepen understandings of how people experience and live and die with a serious illness. Opportunities for discussion, reflection, live interviews, case analysis, and experiential exercises will take place in class; additional field learning opportunities (e.g., home visits, participation in hospital-based teaching rounds) may also be available outside of class.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Freshman Seminar 71P

Making Places and Spaces in Modern America (212696)

Lizabeth Cohen

2019 Fall (4 Credits) **Schedule:** T 0600 PM - 0845 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

How did a home in 1945 compare to one in 2000? Did the opening of shopping malls in the 1950s change people's consumer habits? What made living in suburbs similar to and dissimilar from cities? How did various work and leisure settings alter people's attitudes toward labor and play? In what ways was traveling by airplane from airports different from transit by train? The built and natural environments offer important clues to how American culture, politics, and social life have transformed since World War II. In this seminar we will examine closely the shifting character of the ordinary and extraordinary places and spaces of postwar America. We will explore typical environments like the church, school, factory, movie theater, bar, and office as well as more unusual sites like a prison or Disneyland. In every place they occupied,

Americans have left an important record of their values, tastes, and priorities. In the diversity of their choices we can see both what unites Americans in a

common culture and what keeps them apart, segregated in different physical—as well as social and political—worlds, often defined by race, class, and gender. In addition to our group investigations through readings, media, and discussion, students will undertake their own exploration of a place or space that has changed significantly over time. And together we will visit some several revealing locations in the Greater Boston area to analyze what the physical world can teach us about the United States since 1945.

Course Notes: **There will be a mandatory field trip late in the term, date to be decided.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Freshman Seminar 71R

Dilemmas in the World's Economy (212698)

Elhanan Helpman

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Standards of living vary greatly across countries, they rise fast in some and slowly in other. Economic growth has historically been related to the expansion of international commerce as well as industrialization and institutional reforms. How does a country's well-being and growth depend on its trade partners? Is globalization in the form of international integration desirable? Do all income classes benefit from globalization? What role do trade policies play in shaping the benefits and costs of globalization? We will discuss the historical evidence on economic growth, the expansion of commerce, and the evolution of trade policies. We will also discuss the nature of these processes and the interdependence between them. Using this knowledge, we shall discuss the pros and cons of globalization and the tradeoffs faced by policy makers. These tradeoffs will be illustrated with contemporary policy debates concerning tariffs and free trade agreements. Finally, we will discuss the impact of globalization on inequality within countries and in the world economy.

Course Notes: **This seminar will meet for only 2 hours within the time block.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Freshman Seminar 71S

Crime and Punishment (212702)

Robert Sampson

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

What (if anything) motivates some individuals to commit acts of crime and not others? Why is violence highly concentrated in a small number of families and communities? Why did crime plummet in the United States in the last few decades while incarceration rose? Such questions have no easy answers. Indeed, crime has long puzzled social thinkers across many disciplines. This freshman seminar takes on the puzzle of crime by exploring fundamental debates on its definition, nature, explanation, and control. The emphasis will be the discussion of original readings, both classical and contemporary, and the critical appraisal of major theoretical explanations. We will begin with controversies over the very definition of crime, after which we will explore key facts about crime, assumptions that different theories make about human nature, and competing explanations about the causes and control of crime. Finally, armed with this knowledge, the class will debate and write about two case studies—the crime drop and mass incarceration in America.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 71T

"Dark Satanic Mills": The Factory and the Making of Modern Manufacturing (212703)

Victor Seow

2019 Fall (4 Credits) **Schedule:** T 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 12

In all likelihood, at least a dozen—probably many times more—of the items on and around you right now are factory-made. So inextricably linked are our modern lives to the assembly line. This, however, has not always been the case. Only in the late eighteenth and early nineteenth centuries did factories become the primary sites of production in industrializing countries, churning out, through the toil of laborers and the working of machines, an ever-widening assortment of goods. To its proponents, the factory was a marvel of material achievement, placing within the reach of those with sufficient means a cornucopia of commodities. To its detractors, it was a manifestation of the exploitation of man and nature—the title of our seminar, "Dark Satanic Mills," is one famous characterization of the factory by the English poet William Blake. A large part of the attraction to and repulsion of the factory has been, after all, its involvement not only in the making of wares within its walls but also in the fashioning of worlds beyond. How did the factory as an institution emerge and evolve over time? How has the development of the factory intersected with broader transformations in technology, society, and the environment? In this seminar, we will grapple with these still-present questions by exploring the history of the modern factory from its origins in industrial revolution England to its current instantiation in contemporary China.

Course Notes: **There will be a required field trip to the Charles River Museum of Industry, Waltham, MA. Transportation will be provided at no cost to the student.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration

Freshman Seminar 71U

The Psychological Roots of Oppression (212704)

James Sidanius

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Why are people so willing to humiliate, oppress and even massacre people from other social groups? What are the obstacles impeding the construction of truly multi-ethnic societies in which people from all ethnic groups function as equal partners in the pursuit of the national project? What are the factors responsible for the horrors of the holocaust and similar acts of genocide in places such as Rwanda, Cambodia and Myanmar. In this seminar we will explore those aspects of human nature which lie at the root of the seemingly intractable problem of social exclusion and oppression. We will explore the cognitive, affective and motivational components of intergroup brutality by taking an excursion through both classical and contemporary approaches used by social scientists to come to grips with the psychology of social exclusion. This seminar will provide students with an overview of the major theoretical and methodological perspectives informing our understanding of the psychology of prejudice and oppression in modern society. These various theoretical perspectives will span disciplines such as social, political and evolutionary psychology, sociology, political science, and anthropology.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 71V

The Amazon: Ecology, Nature and Society in the World's Largest Rain Forest (212707)

Gary Urton

2019 Fall (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 13

The Amazon rain forest of South America is the most diverse place on earth in terms of its rich and varied plant and animal life. Nonetheless, the Amazon is threatened today by climate change, illegal logging and mining, and a host of other forces that are diminishing the health and diversity of the forest and its people. This seminar will consider the Amazonian region from the past to the present, as well as its prospects for the future. We will explore such topics as how indigenous Amazonians have adapted to and made use of the resources of the rain forest from pre-European contact times, through colonial rule, and down to the present-day in Brazil and the other nations containing portions of the Amazon watershed. We will explore how Amazonian peoples have formed societies, made a living, understood the relationship between humans and animals, engaged in ritual and ceremonial practices for maintaining the forest and managing

relations with neighboring peoples, and how the encroachment of outsiders is threatening the sustainability of the forest for its present-day peoples and the global environment as a whole. In addition to reading works about the Amazon River and its peoples, we will study the extraordinary collection of Amazonian archaeological and ethnological objects in Harvard's Peabody Museum. Students will work with and research objects in the collections and write a series of short papers relating objects in the museum to the concepts, practices and beliefs encountered in the readings, seminar discussions, and films.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Freshman Seminar 71W

The Political Significance of Espionage and Subversion (212776)

Stephen Rosen

2019 Fall (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 12

The possible importance of clandestine foreign agents, or spies, has recently become an issue in American politics. However, the use of spies was many centuries ago taken extremely seriously by political theorists in the pre-modern Chinese, South Asian, and Roman worlds, by Sun Tzu, Kautilya, and Livy, respectively. Sun Tzu emphasized the use of spies to see into the mind of the enemy in order to defeat his plans. Kautilya and Livy focused more on the role that secret agents could play in uncovering and exploiting the internal divisions in the society and elite of the enemy. What is surprising is the relative absence of similar systematic consideration of spies by modern political scientists after Machiavelli. Is that because spies still exist but are not as important? If that is true, why is it true? If spies are still important, how can we understand and assess their importance? This seminar will begin by reading the theorists of espionage, but then turn to the empirical study of the use of spies to collect secret information, or intelligence, and to carry out subversion, the clandestine disruption of the normal functioning of a government. Questions to be addressed include whether democracies are more or less vulnerable to espionage than tyrannies? What are the effects of counter-intelligence? The theoretical and empirical analysis will at the end of the course be used to help us understand current questions.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Freshman Seminar 71X

Fat Talk and Thin Ideals: Culture, Social Norms, and Weight (212783)

Anne Becker

2020 Spring (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 12

In 1995, the Fiji Islands were one of the last places on the planet to receive broadcast television. Within just three years, body weight ideals had transformed from large to thin and purging had become as common in Fijian high school girls as in their Massachusetts counterparts. How can we understand what happened in Fiji? And, likewise, how did heaviness in the U.S. migrate from signifying prestige to stigmatizing? In this seminar, we will examine the bio-social dimensions of disordered eating and being overweight as well as the volatility of weight ideals and their enduring moral salience. We will draw from anthropological and clinical perspectives to explore the rapidly shifting landscape of body shape ideals in the U.S. over the last century, the arrival of eating disorders in the Global South, the medicalization of obesity, and the emergence of pervasive weight stigma—as manifest in 'fat shaming' and even in policy interventions that have had unintended consequences. We will ask what the social structural determinants of obesity are, as well as how social adversities relating to the built environment, toxic food environment, climate change, and food deserts are embodied. We will examine variation in how the body is cultivated for self-presentation across diverse cultural contexts alongside evidence that the media have accelerated the globalization of thin ideals. We will conclude by considering both emerging threats inherent to pervasive social media platforms and digital photo-shopping as well as potential opportunities to reset social norms through social movements and policy.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Freshman Seminar 71Y

Habits, Rituals, and Living the Good Life (212785)

Michael Norton

2019 Fall (4 Credits) **Schedule:** W 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Everyone wants better habits—for themselves, their housemates, their partners, their children, their employees, their customers—but how are habits first inculcated, and then perpetuated? And can carrying out these habits feel like anything other than drudgery? This class will explore the interplay between habits and rituals—those odd, seemingly meaningless behaviors that research shows influence our psychology in profound ways, making the mundane meaningful: dull morning routines can instead get us "ready for our day" and rote work meetings can instead improve team cohesion and performance. We will explore rituals in domains ranging from performance anxiety to team effectiveness, from enhancing consumption to improving health—in our daily lives, our work lives, and even our lives when trying to cope with family during the holidays.

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students

Freshman Seminar 71Z

From Rocket Science to Fixing Scandals: Judgment and Uncertainty in Finance (213246)

Stephen Blyth

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 13

Why do so many of your peers pursue a career in finance - other than for the money? What are the intellectual rewards of the profession which attract some of the sharpest minds of your generation? In this seminar, we explore key concepts underlying the financial system, including market-making, replication and arbitrage, and demonstrate how these ideas enable us to make powerful statements about uncertainty in finance. The logical arguments which follow catalyze the construction of the rigorous discipline of financial engineering – powered by quantitative analysts or "rocket scientists". We illustrate these concepts with a series of case studies, in particular discussing how rational arguments broke down during the 2007-2008 financial crisis, when many tenets of quantitative finance were violated. We also examine the merits of the subsequent regulatory interventions. We discuss several "classic trades of all time" which illustrate the power of financial reasoning and subtlety of judgment required to navigate the financial system. Further, we investigate abusive financial practices such as collusion, front-running and market manipulation, notably in the foreign exchange and "libor" fixing scandals, and discuss the boundary between healthy functioning markets and malpractice.

Course Notes: **Students should be prepared to develop rigorous, logical reasoning and be comfortable with elementary quantitative arguments. However, no specific mathematical skills are required, and the seminar is particularly designed for students who do not expect necessarily to take quantitative economics or finance classes but are interested in—or mad about—what happens on Wall Street.**

Requirements: **Course open to Freshman Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

General Education

Subject: General Education

General Education 1001

Stories from the End of the World (212765)

Giovanni Bazzana

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Fantasizing about the end of the world is something that many people in the US do on a daily basis either by watching their favorite shows on TV, by playing videogames, or by listening to political speeches. This course will start from this observation to ask why imagining the end is so pervasive in our culture and to analyze critically where these images are coming from and how they are used in contemporary conversations. Imaginations of the end have their historical roots in a literary genre that is often called "apocalyptic" and has been alive and productive since antiquity. The course will look at this historical trajectory, but most of the work will be focused on contemporary cultural products, such as movies, short stories, songs, comic books, websites, and so on. Students will be asked to observe how thinking about a catastrophic future is actually a means to reflect about the present, by identifying whether humans are doing something wrong and whether they have any chance to correct their mistakes. In this perspective, God, aliens, or meteorites are metaphors representing our powerlessness, while sins, zombies, or climate change are wake up calls for humankind. "Prophets of doom" can be channels of liberating and progressive energy, but can also become instruments to set up for destruction people who look and act differently.

Additional Course Attributes:

Attribute	Value(s)
FAS General Education	Aesthetics and Culture
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students

General Education 1003

Designing the American City: Civic Aspirations and Urban Form (116243)

Alex Krieger

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** 250

An interpretive look at the American city in terms of changing attitudes toward urban life. City and suburb are experienced as the product of design and planning decisions informed by cultural and economic forces, and in relationship to utopian and pragmatic efforts to reinterpret urban traditions in search of contemporary alternatives. Topics include: persistent ideals such as the single-family home, attitudes toward public and private space, the rise of suburbs and suburban sprawl, cycles of disinvestment and renewed interest in urban centers, and impacts of mobility and technology on settlement patterns.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more**

information and detailed instructions.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS General Education	Histories, Societies, Individuals
FAS Divisional Distribution	None
FAS Lottery	FAS Lottery

General Education 1004

Understanding Darwinism (125195)

Janet Browne

Andrew Berry

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

How does scientific knowledge develop, how is it shaped by history, and what effect does it have on society? An interdisciplinary exploration of Darwin's ideas and their impact on science and society, this course links the history of Darwin's ideas with the key features of modern evolutionary biology. We review the development of the main elements of the theory of evolution, highlighting the areas in which Darwin's ideas have proved remarkably robust and areas in which subsequent developments have significantly modified the theory. Assignments will include a project that allows you to explore your own DNA. We will explore the theological implications of evolution, why evolution is challenged by creationists, and what role the scientific consensus plays in a society mainly composed of non-scientists. By also analyzing the historical context of the development of evolutionary thought beyond Darwin, the course emphasizes the dynamic interplay between science and society.

Additional Course Attributes:

Attribute	Value(s)
FAS General Education	Science and Technology in Society
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS General Education	Histories, Societies, Individuals
FAS: Course Level	Primarily for Undergraduate Students

General Education 1008

Power and Identity in the Middle East (142447)

Melani Cammett

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 250

Why are some countries governed democratically while dictators seem to have a firm grasp on power in others? Why do people threaten and even kill each other in the name of ethnicity or religion in some places and times but not others? This course will give you a chance to explore these questions in the context of the Middle East, a region that has been widely perceived as a bastion of authoritarianism and a hotbed of ethnic and religious politics and political violence. In considering key questions and debates about politics, governance, and identity in the Middle East, you will develop a critical understanding of politics in the

region, while simultaneously gaining the social-scientific vocabularies necessary to question the assumptions that are often made about Middle Eastern politics and people and, more generally, about politics in other contexts. In asking why and how the Arab Spring was possible, and how authoritarian governance has managed to persist following those uprisings, you will have an opportunity to engage some of the most urgent social-political questions of our time. You will leave this course with a clearer understanding of how dictators and militaries maintain their hold on power and how identity politics and conflict are constructed and change over time.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS Lottery	FAS Lottery
All: Cross Reg Availability	Not Available for Cross Registration
FAS General Education	Histories, Societies, Individuals

General Education 1010

Satire (212834)

Ambrogio Camozzi Pistoja

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 250

A course on satire, its power and limitations, from Classical Rome, through medieval Italy, to Elizabethan theatre and 19th-20th century American cartoonists. Serving as both a critique of social norms and the oppression of minorities (anti-women, anti-Jews, etc.), satire has been one of the most practiced and effective languages in Western culture. By ridiculing ideas, habits or specific individuals, satire challenges and constantly reshapes moral, legal as well as linguistic boundaries. We will discuss various definitions of the genre, with readings on the theory, functions and limitations of satire, focusing on the intellectual debate and juridical responses (censorship, criminal law, libel writs, etc.) that have accompanied satirical expressions across the centuries. Satirical artifacts examined during the classes include poems, novels, theatrical plays, defamatory paintings and sketches, with the participation of contemporary satirists, cartoonists, comedians and judges from around the world.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS Lottery	FAS Lottery
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS General Education	Aesthetics and Culture

General Education 1011

Contemporary Developing Countries: Entrepreneurial Solutions to Intractable Problems (107464)

Tarun Khanna

Satchit Balsari

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

What problems do developing countries face, and how can individuals contribute to solutions rather than awaiting the largesse of the state or other actors? Intractable problems – such as lack of access to education and healthcare, forced reliance on contaminated food, deep-seated corruption – are part of the quotidian existence of the vast majority of five of the world's seven billion people. Developing societies suffer from what we refer to as 'institutional voids' that make organized activities of all sorts difficult; think of the mundane but important physical infrastructure that allows us to get to work or school in the developed world, as well as our access to higher-order institutions such as the availability of information at our fingertips or the security of the rule of law. The course demonstrates that reflecting upon the nature of the developing world's intractable problems through different lenses helps characterize candidate interventions to address them. The scientist's hypothesis-driven and iterative experimentation, the artist's imagined counterfactuals through putting oneself in others' shoes literally and theatrically, and the planner' s top-down articulation of boundary conditions, all tailor the ultimate solution.

Class Notes: **Open to cross-registration for students from other schools and universities. May accept a limited number of auditors, pending instructor approval.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS General Education	Histories, Societies, Individuals
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

General Education 1014

Ancestry (203820)

Maya Jasanoff

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 240

Everyone comes from somewhere. We carry our ancestries in our DNA, genealogy, family stories, and more. What do these forms of evidence tell us about who we are, as a species, as a social group, or as an individual? This course looks at ancestry from a range of perspectives: biology, anthropology, genealogy, history, law, and memory—from the origins of human populations to the origins of you. Whether or not you are coming into this course with a prior interest in genealogy or family history, you will leave it with a sharper sense of the role played by ancestry in the terms we routinely use to describe ourselves—as well as in policies and practices shaping everything from citizenship law to college admissions. We will pay close attention to different kinds of evidence—particularly genetic and genealogical—the kinds of

questions they answer or raise, and what happens when they collide. We will also explore in depth the implications of genetic ancestry testing for concepts of race, ethnicity, and nationality. By its end, the course should make you better able to uncover implicit assumptions in qualitative and quantitative data alike, and to assess a claim's value and scope. Most of all, it will prompt you to reconsider you ideas about ancestry, lineage, and inheritance, and enrich how you think about identity in your life outside the classrom and after this semester, at Harvard and beyond.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS General Education	Science and Technology in Society
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS General Education	Histories, Societies, Individuals
FAS Lottery	FAS Lottery

General Education 1016 Section: LEC

Black Radicalism (212852)

Robert Reid-Pharr

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 75

"Black Radicalism" is a course designed to introduce students to the main currents of black radical thought in the period stretching from the close of World War II until roughly 1980 and the advent of the Reagan Era. The course will be divided into three sections: Anti-Colonialism; Black Nationalism; and Black Feminism and will focus on key works of fiction, theory, and criticism by especially prominent black intellectuals including Frantz Fanon (The Wretched of the Earth); Richard Wright (White Man Listen!); George Jackson (Soledad Brother); Huey Newton (Revolutionary Suicide); Angela Davis (If They Come for Me in the Morning); and the members of the Combahee River Collective (The Combahee River Statement). The goals of the course are to help students understand the ideological roots of some of the most significant social movements of their own time (Black Lives Matter; Me Too). Indeed, the course will be built on the idea that the vexed struggles around race, class, and gender in which we are all now involved are part of a long history in which the efforts of a radical black intellectual class have been at once challenged and adopted by more mainstream actors. At the same time, students will be pushed to develop both their critical and communicative skills. To that end, course participants write at least two short essays during the semester. They will also complete final group projects that utilize "alternative" platforms—including digital platforms—that reach beyond both the classroom and the campus in order to draw attention to the ways that the ideas and methods of individuals like Fanon, Wright, Jackson, Newton, and Davis operate in contemporary society.

Class Notes: **This course has an enrollment cap and requires that by 11:59 p.m. Thursday, September 5, you use my.harvard to request instructor permission to enroll. If requests to enroll do not exceed available seats, permission to enroll will be granted on Friday, September 6. If**

interest exceeds available seats, a lottery of those who have requested permission will run on Friday, September 6, and all participants will be notified of the results via Harvard email. For more information, including how to request permission, please see gened.fas.harvard.edu/enrollment or visit the course's Canvas site.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS General Education	Aesthetics and Culture
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students

General Education 1018

How to Build a Habitable Planet (118517)

Charles Langmuir

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Is Earth one of many planets in an inhabited Universe, or is it the result of a low-probability accident? And what does the answer to that question tell us about humans' relationship to our planet? The aim of this course is to place human beings in a universal and planetary context as we investigate the steps of planetary evolution and their significance to our current relationship to Earth. We will explore the origins of the solar system, life, and the elements, and more, placing humanity in the context of a process that may be universal. This then provides a novel perspective on current environmental problems and how we might deal with them, and the likelihood of alien beings and whether we need to fear them.Readings, assignments include the book How to Build a Habitable Planet, two hour sections to provide discussion and experience with course topics, experiments with the environmental impact of how we live, and two mandatory field trips to see power generation, and waste and trash disposal. At the end of this course, you will have a greater understanding of the past, present, and future of the planet we call home, and the planetary consequences of your life decisions.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS General Education	Science and Technology in Society
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

General Education 1019

The Caribbean Crucible: Colonialism, Capitalism and Post-Colonial Misdevelopment In The Region (118290)

Orlando Patterson

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course explores the complex, formative role of the Caribbean in the development of Western colonialism and capitalism and the consequences for the peoples of the region. Four major themes will be examined. First, the importance of the region in the origin and early development of Western imperialism and capitalism: Why did both Western Europe and America begin their imperial and colonial expansion in this region and to what degree did the region's slave-based economies influence the nature and development of Western capitalism? Second, what were the consequences of imperialism for the demographic and socio-cultural fate of indigenous and African populations? Is genocide a proper designation of the fate of exploited peoples of the region up to the end of the period of slavery? Third, we examine the post-colonial consequences of this history for the socio-political, economic and cultural development of the region. What have been the main paths toward sustainable development in the modern Caribbean? Why in spite of its long history of engagement with Western capitalism, has the region largely faltered in its efforts to develop? We examine the different paths to development through five case studies—neo-colonial dependency in Puerto Rico, communist dependency in Cuba, democratic socialism in Jamaica, Barbados' neo-liberal strategy, and aid-dependency in Haiti. We also study the common problem of migration and transnationalism and the degree to which this process undermines national sovereignty. Fourth, we explore the distinctive features of racial classification and cultural representations in the Caribbean. What do we learn about race as a social construction from the Caribbean experience? How do Caribbean racism and colorism unsettle American notions of race and ethnic identities? Why has globalization not led to cultural homogenization? How do we account for the unusual influence of Caribbean music, especially that of Jamaica, on popular global culture?

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS General Education	Histories, Societies, Individuals
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students

General Education 1020 Section: LEC

Security (108398)

John T. Hamilton

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 315

The term "security" has enjoyed a complex and ambivalent career. Broadly defined as a "removal of care," security leaves its subjects either carefree or careless. Pursuing an itinerary from the Stoics to psychoanalysis, from international relations to feminist theory, the course draws out the ethical implications of the persistent concern to be free of concern. Does "security" make us vigilant or negligent, confident or complacent? Does it promote more fear than it assuages? Is a security purchased with freedom or human rights morally viable? Such questions broach a more informed, nuanced, and critical engagement concerning our civic, professional and personal lives.

Class Notes: **This course has an enrollment cap and requires that by 11:59 p.m. Thursday, September 5, you use my.harvard to request instructor permission to enroll. If requests to enroll do not exceed available seats, permission to enroll will be granted on Friday, September 6. If interest exceeds available seats, a lottery of those who have requested permission will run on Friday, September 6, and all participants will be notified of the results via Harvard email. For more information, including how to request permission, please see gened.fas.harvard.**

edu/enrollment.

Additional Course Attributes:

Attribute	Value(s)
FAS General Education	Ethics and Civics
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS: General Education (old)	Ethical Reasoning
FAS: Core Curriculum (old)	Moral Reasoning

General Education 1021

The Stories We Tell (212851)

Martin Puchner

David Damrosch

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 250

***The Stories We Tell* is based on the premise that we are story-telling animals. There have been human societies without the wheel, but none without stories. We use stories to make sense of experience, to understand where we are coming from, and to orient ourselves in the world. Today, we are asked to produce stories to get into college, to run for president, to pitch start-up companies, and to turn scientific insight into new policies. Where do these stories come from?**

The course draws on our entire storytelling inheritance from around the globe. We single out different types of stories, from the hero-epics of the ancient world (Gilgamesh) and pedagogical story-collections (1001 Nights) to the invention of psychological realism by the first novelist (Murasaki Shikibu), and we supplement those with modern storytelling techniques from Asia (Eileen Cheng) to Latin America (Clarice Lispector). Since our most important stories are not confined to literature, we also include those religious and philosophical storytellers (Confucius; Socrates) as well as political stories (Declaration of Independence; Communist Manifesto) that have shaped human affairs. Along the way, we examine the technologies, from clay tablets and papyrus scrolls to print and the Internet, thought which these stories have survived into the early twenty-first century and are shaping our world today.

The course includes in-class exercises, research assignments (Wikipedia entries), and a final exam.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS Lottery	FAS Lottery
FAS: Course Level	Primarily for Undergraduate Students
FAS General Education	Aesthetics and Culture
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

General Education 1023

Ignorance, Lies, Hogwash, and Humbug (204966)

Christopher Robichaud

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 250

Is truth dead? Time Magazine posed this question in bold red print on its April 3, 2017 cover. It's a surprising concern, given that information of every sort imaginable is merely a click away on our phones, access to educational resources is robust for both traditional students and online learners, and direct interaction with public figures is more unencumbered than ever before with the help of social networks. Yet we nevertheless find that "alternative" facts regularly compete on equal footing with actual facts, fake news beats out mainstream news, and expert knowledge is sidelined for gut hunches and whatever feels correct. Such is the so-called post-truth age. Can our democracy survive it? Contrary to what many of you may think, it's not obvious that it can. Perhaps even more surprising, if it can survive, it may only be by way of the much-maligned practice of politics. In this course, you'll interrogate the post-truth age, primarily within the American context, through an interdisciplinary engagement with epistemology, political philosophy, media studies, and the behavioral and social sciences.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS Lottery	FAS Lottery
FAS: Course Level	Primarily for Undergraduate Students
FAS General Education	Ethics and Civics
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

General Education 1027

Human Evolution and Human Health (112339)

Daniel Lieberman

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 250

How and why did humans evolve to be the way we are, and what are the implications of our evolved anatomy and physiology for human health in a post-industrial world? Why do we get sick, and how can we use principles of
evolution to improve health and wellbeing? To address these questions, this course reviews the major transitions that occurred in human evolution, from the divergence of the ape and human lineages to the origins of modern humans. Also considered are the many effects of recent cultural and technological shifts such as agriculture and industrialization on human health.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS General Education	Science and Technology in Society
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Lottery	FAS Lottery
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students

General Education 1031

Finding Our Way (126603)

John Huth

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 60

How do you navigate our increasingly automated culture? In this course, we will use the theme of primitive navigation to open our eyes to the physical world in a direct and palpable manner. Basic principles include human cognition of physical and mental maps, dead reckoning, direction finding from nature. The course includes the basics of astronomy, including planetary orbits, meteorology, thermodynamics, bird behavior, electromagnetic radiation, optics, waves, tides, ocean currents, and fluid dynamics. Navigational practices of Pacific Islanders, Norse, medieval Arabs, and early western Europeans provide a focus. Main themes of the course will include automation bias, spatial cognition as a template for other forms of cognition, and reasoning when there is no 'right' answer. Some facility with algebra and trigonometry is useful. A series of hands-on projects are employed to understand navigational practices discussed in lecture.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS Lottery	FAS Lottery
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS General Education	Science and Technology in Society
FAS: Final Assessment Category	Three-hour Exam

General Education 1033

Conflict Resolution in a Divided World (107669)

Daniel Shapiro

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 60

How should we understand conflict in our own lives and in the world around us? At all levels of society, people tend to approach conflict as an adversarial battle—communities polarize, ethnopolitical groups clash, and nations and international institutions face daily political tensions. To prepare you for a lifetime of civic engagement, this course empowers you with new pathways for examining enduring questions about

the roots of conflict and interdisciplinary approaches for resolving it. We will explore rational, emotional, and identity-based perspectives on conflict resolution and connect these aspects to your own life challenges and to conflicts ranging from on-campus divisions to large-scale political disputes. Because conflict resolution often involves tough decisions and moral dilemmas, we also will examine models for understanding its broader sociopolitical and ethical dimensions. The hope is that, by the end of this course, you will have a deeper understanding of conflict resolution and will be better equipped to navigate its many contours to advance the vision of a more peaceful world.

Class Notes:

This course has an enrollment cap and requires that you use my.harvard to request instructor permission to enroll.

Please note that the first class meeting is 3-4:15 p.m. Wednesday, September 4 in Science Center Hall C. Attendance at this meeting is mandatory for enrollment consideration.

If requests to enroll do not exceed available seats, permission to enroll will be granted on Friday, September 6. If interest exceeds available seats, a lottery of those who have requested permission will determine which students may enroll. For more information, including how to request permission, please visit the course's Canvas site and gened.fas.harvard.edu/enrollment.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS General Education	Ethics and Civics

General Education 1034

Texts in Transition (212840)

Ann Blair

Leah Whittington

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 50

We live in a moment of "crisis" around regimes of preservation and loss. As our communication becomes ever more digital— and, therefore, simultaneously more ephemeral and more durable—the attitudes and tools we have for preserving our culture have come to seem less apt than they may have seemed as recently as a generation ago. This course examines how texts have been transmitted from the past to the present, and how we can plan for their survival into the future. We will examine what makes texts durable by considering especially the media by which they are transmitted, the changing cultural attitudes toward their content, and the institutions by which they are preserved. The European Renaissance will provide a central case study. During this period scholars became aware of the loss of ancient texts and strove to recover and restore them insofar as possible. These interests prompted new developments in scholarly conservation techniques which we still value today (philology, libraries, and museums) but also the creation and transmission of new errors, ranging from well-intentioned but overzealous corrections and "improvements" to outright forgeries. What can the Renaissance teach us about how to engage productively with these problems, both as the source of our current attitudes toward preservation and loss, and as a case study of another culture dealing with anxiety over preservation and loss? Ultimately, we hope that students will be able to think productively about how to preserve from the past and the present for the future, while recognizing that all preservation inherently involves some kind of transformation.

Class Notes: **This course has an enrollment cap and requires that you use my.harvard to request instructor permission to enroll. If requests to enroll do not exceed available seats, permission to enroll will be granted on the date listed on the course syllabus. If interest exceeds available seats, a lottery of those who have requested permission will determine which students may enroll. For more information, including how to request permission, please visit the course's Canvas site and gened.fas.harvard.edu/enrollment.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS General Education	Histories, Societies, Individuals
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS General Education	Aesthetics and Culture

General Education 1035

Dissent and Disobedience in Democracies (214493)

Arthur Applbaum

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 60

Recent political upheavals in several of the world's established democracies have sparked discussions about dissent and disobedience not seen since the 1960s. When, if ever, are citizens in a democracy justified in breaking the law to protest or resist what they believe to be bad, unjust, or illegitimate laws or policies? When, if ever, are public officials in a democracy justified in undermining or refusing to enforce such laws or policies? This course will study important examples of principled disobedience in democracies, and explore normative arguments for and against various strategies of unlawful dissent through the close reading of texts in political and legal philosophy. In a series of structured written assignments, students will argue for or against proposed, ongoing, or recent cases of principled disobedience by public officials or citizens in democratic states.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Class Notes: **Also offered by the Harvard Kennedy School as DPI 218. Graduate students in all schools should enroll in DPI 218. An additional graduate section will be scheduled.**

Additional Course Attributes:

Attribute	Value(s)
FAS General Education	Ethics and Civics
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Lottery	FAS Lottery
FAS: Course Level	Primarily for Undergraduate Students

General Education 1036

Global Feminisms (212848)

Durba Mitra

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 50

Feminism shapes the world we live in today. Debates about women's and sexual rights define almost every public debate today -- from sexual harassment, to electoral politics, to development, public health, and human rights. But when, and where, did ideas of women's equal rights and liberation emerge? This course digs into the deep history of feminism from a global perspective. It traces the intimate relationship between feminism, colonialism, and racism in case studies from America, Europe, Asia, Africa, and the Middle East, from the eighteenth century until today. We will immerse ourselves in rare materials on transnational and global feminism in the Schlesinger Library here at Harvard. Over the course of the semester, you will build a toolkit of critical thinking and writing skills by engaging diverse primary sources, including political writings of women of color and colonized women, short stories, posters, movies, and human rights reports. You will come away from the course having a deeper understanding of ideas of equality and justice that define politics today.

Readings will highlight marginalized authors, women writers, especially women of color authors, from previously enslaved women in the US South to indigenous people to colonized women in India and Africa. Reading assignments will focus on primary historical sources and encompass diverse genres, from political thought and speeches to fantasy fiction to posters.

Students will build critical skills through assignments that build source analysis skills over the course of the semester, including an annotation of visual materials (a poster or cartoon), short primary source analysis papers using materials from Schlesinger Library, and a final film analysis paper.

Class Notes: **This course has an enrollment cap and requires that you use my.harvard to request instructor permission to enroll. If requests to enroll do not exceed available seats, permission to enroll will be granted on the date listed on the course syllabus. If interest exceeds available seats, a lottery of those who have requested permission will determine which students may enroll. For more information, including how to request permission, please visit the course's Canvas site and gened.fas.harvard.edu/enrollment.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS General Education	Histories, Societies, Individuals

General Education 1037

Experiments that Changed Our World (212854)

Philip Sadler

2020 Spring (4 Credits) **Schedule:** T 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 50

Facing the edifice of preexisting knowledge, how are breakthrough scientific discoveries made that contradict the existing canon? Twelve great experiments that have transformed our understanding of

nature will guide us, first through immersion in the scholarship and popular beliefs of the time. Next, how did the discoverer prepare? What were the motivations, prior experiences, and training that led to the threshold of a fruitful advance? Then, to the degree possible, we will carry out the exact same investigations, building our own simple equipment from scratch, duplicating the challenges of wresting patterns from noisy and incomplete data. Students will compare their results to both private and published versions of the original research. The course will examine the magnitude of the cognitive shifts experienced and the often uphill battle to acceptance. We will build an understanding of the nature of scientific progress, examining how the mastery of natural phenomena leads to new technologies and how these can contribute to further scientific discovery.

Experiments are drawn from the natural sciences, ancient to modern, from Eratosthenes measuring the earth's size to Rosalind Franklin determining the structure of DNA. We will consider how these discoveries continue to impact society, as well as the many ethical questions raised. The course will examine the difficulty of accepting new experimental evidence falsifying accepted scientific paradigms and how this remains an issue that plays out in current society. By unpacking these 12 experiments, students will be able to better prepare for their own future discoveries and contributions.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS General Education	Science and Technology in Society
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Lottery	FAS Lottery

General Education 1038

Sleep (212896)

Charles Czeisler

Frank Scheer

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 300

What is sleep? Why do we sleep? Why don't we sleep? How much sleep do you need? What are circadian rhythms? How do technology and culture impact sleep? This course will explore the role of sleep and circadian timing in maintaining health, improving performance and enhancing safety. We will evaluate the causes and consequences of the epidemic of sleep disorders and deficiency in our society, with particular attention to impacts on brain (learning and memory, mood and cognition) and body (appetite and metabolism,
hormones and heart) functions. Personal and public policy approaches to issues such as drowsy students, drowsy
drivers and drowsy doctors will be addressed.

Class Notes: **This course has an enrollment cap and requires that by 11:59 p.m. Thursday, September 5, you use my.harvard to request instructor permission to enroll. If requests to enroll do not exceed available seats, permission to enroll will be granted on Friday, September 6. If interest exceeds available seats, a lottery of those who have requested**

permission will run on Friday, September 6, and all participants will be notified of the results via Harvard email. For more information, including how to request permission, please see gened.fas.harvard.edu/enrollment.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS General Education	Science and Technology in Society
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

General Education 1039

Higher Education: Students, Institutions, and Controversies (212844)

Manja Klemencic

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 75

Though we may think of universities and colleges as centers of learning and research, they too are subject of teaching and burgeoning research. This course explores contemporary higher education institutions and their students through a number of different perspectives and approaches. We identify major issues and controversies in higher education – how students learn, unequal access, the rise of corporate universities, changing funding models for higher education, politics of higher education, and more. We will read what leading scholars from the interdisciplinary field of higher education studies have written about these and other issues. Through personal reflection and insights from guest speakers from Harvard administration, we will look behind the scenes at Harvard student experiences. We will also seek to understand the workings of different types of higher education institutions, conducting field visits to universities and colleges in the Boston area. The centerpiece of this course is a capstone project that involves original research --theoretical or empirical or applied-- on a chosen higher education topic. The capstone research projects will be showcased on an online platform open to the Harvard community to inform and inspire practice and future research. This is an opportunity to gain perspectives on established and emerging areas of higher education research, insights into today's changing higher education landscape, and the tools to address higher education issues. As student researchers you will develop agency to voice, critically examine and propose solutions to higher education issues you care about at Harvard and beyond.

Class Notes: **This course has an enrollment cap and requires that by 11:59 p.m. Thursday, September 5, you use my.harvard to request instructor permission to enroll. If requests to enroll do not exceed available seats, permission to enroll will be granted on Friday, September 6. If interest exceeds available seats, a lottery of those who have requested permission will run on Friday, September 6, and all participants will be notified of the results via Harvard email. For more information, including how to request permission, please see gened.fas.harvard.edu/enrollment or visit the course's Canvas site.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS General Education	Histories, Societies, Individuals

General Education 1042 Section: 001L

Anime as Global Popular Culture (125611)

Tomiko Yoda

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

In this course, students will learn to engage Japanese or Japanese-style animation (sometimes known as anime) through two-pronged approaches. First, the students will learn to evaluate the aesthetic and socio-cultural relevance of anime in relation to the criteria and perspectives developed through the study of more established artistic forms such literature, cinema and visual arts. We will cover topics including, anime's generic conventions, formal aesthetic, and narrative motifs. Secondly, students will learn to address the cultural value of anime in manners that recognize the specificity of its media ecology, encompassing the modes of production, distribution, and consumption. In particular, we will pay close attention to the ways media technology, industrial production of anime, marketing, and fan culture are integral facets of anime eco-system. In this sense, we will study anime as a node in the global network, involving diverse commercial as well as non-commercial medias such as graphic novels, live-action films, video games, character merchandises, and fanzines and other fan practices. The course as a whole suggests that we need to work between these two approaches in order to understand anime as a medium of global popular culture today.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS General Education	Aesthetics and Culture
All: Cross Reg Availability	Not Available for Cross Registration

General Education 1043 Section: LEC

American Dreams Made in Hollywood (109501)

Eric Rentschler

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 218

Is the so-called American dream dead? The notion once essentialized the grand promise of a better, fuller, and richer life. At the present moment, however, it seems to have lost its evocative power as a collective myth. In a time of national crisis and political emergency, this General Education course has a pressing mission. It aims to further a dynamic understanding of American dreams (for there are many and not just one), to apprehend their complexities and contradictions, to appreciate their diverse manifestations and historical shapes, and above all to take measure of their meanings for the world we inhabit.

In this endeavor we will study the variety of ways in which Hollywood's fantasy machinery has created designs for living, indeed the most influential and resonant incarnations of American dreams. We will analyze popular films produced during crucial junctures in the modern history of the United States, from the Great Depression and World War II, through the Cold War and the McCarthy era, up to the 1960s and 1970s. We will consider the wide range of functions that commercial studio features have assumed, how they at times have sought to legitimate and sustain the status quo, but at others also have interrogated, revealed, and even indicted social inequity. The class offers a representative sampling of classical Hollywood features from 1932 to 1976; films to be studied include *Scarface, King Kong, It Happened One Night, The Wizard of Oz, The Grapes of Wrath, Citizen Kane, Casablanca, The Best Years of Our Lives,*

Detour, High Noon, The Invasion of the Body Snatchers, A Face in the Crowd, Raisin in the Sun, The Manchurian Candidate, Easy Rider,* and *Rocky.

Course Notes: **See syllabus for information on film screenings.**

Class Notes: **This course has an enrollment cap and requires that by 11:59 p.m. Thursday, September 5, you use my.harvard to request instructor permission to enroll. If requests to enroll do not exceed available seats, permission to enroll will be granted on Friday, September 6. If interest exceeds available seats, a lottery of those who have requested permission will run on Friday, September 6, and all participants will be notified of the results via Harvard email. For more information, including how to request permission, please see gened.fas.harvard.edu/enrollment or visit the course's Canvas site.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Core Curriculum (old)	Literature and Arts B
FAS: General Education (old)	Study of the Past
FAS General Education	Aesthetics and Culture
FAS: General Education (old)	Aesthetic and Interpretive Understanding
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Core Curriculum (old)	Historical Study B
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	None
FAS: General Education (old)	Culture and Belief
FAS: Course Level	Primarily for Undergraduate Students

General Education 1045

Can We Choose to Be Healthy? (118903)

Nancy Long Sieber

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 75

We often hear how important it is to make "healthy choices"—to eat the right foods, to get enough exercise, to get plenty of sleep. But to what extent is it really within our power as individuals to "choose" to be healthy? In making choices about your own life, have you ever been confused by conflicting data or faced other obstacles in your pursuit of good health? Millions of Americans experience lifestyle constraints that may prevent them from putting their health first—from socioeconomic constraints that limit their dietary choices, to labor market constraints that affect their abilities to set healthy schedules, to structural and mobility constraints that compel them to live near areas of high pollution or in so-called "food deserts." Moreover, most of us struggle to understand the science behind current health controversies—from the growing opioid epidemic to debates over pesticide regulations. This challenge is compounded by the increasing politicization of science, which leads to objective findings becoming distorted as they are twisted to fit one agenda or another. Finding reliable scientific information is a challenge for anyone who wants to fully understand and participate in the national conversation about these complex issues.

In this class, you will learn how scientists approach public health problems, and how their findings are used to assess and intervene against threats to human health. We will begin by looking at health disparities across the US, and considering the biological, behavioral and societal factors that contribute to them. We will then closely examine three pertinent public health issues that significantly affect the health of Americans: 1) mental health and addiction, 2) obesity and cardiovascular disease, and 3) the adverse

effects of exposure to environmental pollutants. We will spend a portion of most classes discussing relevant current events, and weekly section meetings will focus on an in-depth exploration of a case study. Our goal is for you gain a greater understanding of your own body, and of what can be done on a personal and societal level to prevent disease. This will ultimately give you the skills you need to analyze and make decisions about current and future public health challenges.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS General Education	Science and Technology in Society
FAS Divisional Distribution	None
FAS Lottery	FAS Lottery

General Education 1046

Evolving Morality: From Primordial Soup to Superintelligent Machines (203129)

Joshua Greene

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 250

In this course we'll examine the evolution of morality on Earth, from its origins in the biology of unthinking organisms, through the psychology of intelligent primates, and into a future inhabited by machines that may be more intelligent and better organized than humans. First, we ask: What is morality? Many people believe that morality descends from above, as divine commands or as abstract, timeless principles akin to mathematical truths. Here we take an empirical approach to morality, viewing it as a natural phenomenon that rises up from below—born of the strategic interactions among lifeforms and societies struggling to exist. Next, we take a scientifically informed look at the foundational questions of moral and political philosophy. Many people believe that the "is" of scientific knowledge has nothing to do with the fundamental "oughts" of morality, that science and morality exist in separate realms (and belong in separate courses). Here we challenge this assumption, asking whether our scientific self-knowledge can, and should, change our views about what's right and wrong and how a society should be organized. Finally, we consider the distinctive moral challenges posed by what may be the next stage in Earth's evolutionary history: the rise of artificial intelligence. Many people believe that there is and always will be a fundamental division between human minds and machines. Here we challenge this assumption, going beyond the tropes of science fiction and drawing instead on the latest advances in cognitive neuroscience and neurally inspired artificial intelligence. Our conclusions will have implications for moral challenges of the near and more distant future: Can self-driving cars, military drones, and life-like robots be programmed to behave morally? Will artificial intelligence displace human labor? If so, how can our societies adapt? Could machines displace humans entirely? If so, how can we stay in control? If machines do take over, will they be our conquerors or our children? Across diverse topics, this course explores the implications of a single idea: that the wonder we see around us, and ahead of us, is the product of competition and cooperation at increasing levels of complexity.

Course Notes: **Not open to students who have taken PSY 2250. Prior to Spring 2019, this course was offered as PSY 1002.**

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more**

information and detailed instructions.

Additional Course Attributes:

Attribute	Value(s)
FAS General Education	Science and Technology in Society
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS General Education	Ethics and Civics
FAS Lottery	FAS Lottery
FAS: Course Level	Primarily for Undergraduate Students
FAS: General Education (old)	Ethical Reasoning
FAS Divisional Distribution	None

General Education 1049

East Asian Cinema (110464)

Jie Li

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 112

This course introduces major works, genres, and waves of East Asian cinema from the silent era to the present, including films from Mainland China, Japan, Korea, Taiwan, and Hong Kong. We will discuss issues ranging from formal aesthetics to historical representation, from local film industries to transnational audience reception.

This course does not assume prior knowledge of East Asian culture or of film studies, but rather seeks to provide students with a basic understanding of modern East Asian cultural history through cinema, and with an essential toolkit for analyzing film and media, including narrative, cinematography, editing and sound. In addition to critical approaches, students are strongly encouraged to creatively respond to course materials by collaborating on their own short films, beginning with the illustration of film terms in the first two weeks and culminating in the "Golden Monkey Awards"—a class screening of final projects with Oscar-like awards in various categories.

As a General Education course, East Asian Cinema will help students develop aesthetic responsiveness and interpretive ability to moving images in an increasingly media-saturated world. While becoming acquainted with some analytical vocabulary and critical approaches to cinema, students will also gain insights into East Asian cultures and histories, aesthetic traditions and ethical values, as well as the politics and economics that went into the films' production and reception. Above all, the course will encourage students to be creative and enterprising with the digital media technologies at our disposal, to engage in collaborative teamwork and experiment with unorthodox ways of looking at the world through amateur filmmaking.

Course Notes: **All films subtitled in English. No prior knowledge of East Asian history or film studies necessary.**

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS General Education	Aesthetics and Culture
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: General Education (old)	Aesthetic and Interpretive Understanding
FAS: Course Level	Primarily for Undergraduate Students

FAS Lottery	FAS Lottery

General Education 1051

Reclaiming Argument: Logic as a Force for Good (112199)

Ned Hall

2020 Spring (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** 120

Our lives are awash in argument and persuasion. This course aims to teach you how to manage argument and persuasion in your own life – not just with skill, but *ethically*. Accordingly, we will have two main goals. The first is to develop your skill at recognizing the myriad ways in which language can be used and misused as a tool for persuasion, by teaching you a variety of techniques drawn from formal logic, linguistics, and the discipline of argument-mapping. Master this skill, and anytime someone attempts to persuade you of something, you will be able to understand the structure of their attempt so deeply that you need not fear manipulation, but can decide *for yourself* whether you wish to sign on to the conclusion they want you to reach. Our second goal is even more important: we hope to show you how you can – and why you *should* – construct your own arguments with such clarity, honesty, and logical transparency that the people you direct them to will be optimally placed to decide, for *them*selves, whether and why they ought to agree with you. In this way, you will come to see argument not primarily as a contest to be won or lost, but as something that should be reclaimed for a more noble purpose: building genuine understanding between people, even across profound differences of viewpoint.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS General Education	Ethics and Civics
FAS Divisional Distribution	None
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
FAS: Core Curriculum (old)	Quantitative Reasoning
FAS Lottery	FAS Lottery

General Education 1052

Race in a Polarized America (116248)

Jennifer Hochschild

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 250

How do we manage issues of race, ethnicity, and immigration in a polarized political era? What role did race play in the election of President Trump, after eight years of the presidency of Barack Obama? How can we be good citizens of the world when Americans have such mixed views and take such mixed actions in engaging with racial hierarchy, identity, or interaction?

This course addresses these questions by examining policy disputes around issues such as incarceration

and policing, free speech, the role of biology in ancestry and medical care, electoral politics, activism, and movement across borders. We will examine class, nationality, and gender differences within and across groups, and how group boundaries are made stronger or weaker. We will consider how to reduce unproductive polarization, and how you --the new generation of citizens of the world -- can promote a better America even, or especially, when we do not agree on just what "better" entails.

Course readings range from public speeches and interviews to works in political science, sociology, economics, and a bit of genomic science. You will learn how and where the United States has progressed in promoting group equality and fairness, as well as where it has not or has even moved backwards. You will end the course with a deeper understanding of the core American paradox of the persistence of group hierarchy in a country dedicated to democracy, equality, and liberty, and what people such as yourselves can do to resolve that paradox.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS Lottery	FAS Lottery
FAS General Education	Histories, Societies, Individuals
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students

General Education 1054

Political Economy and Its Future (126203)

Roberto Mangabeira Unger

Dani Rodrik

2020 Spring (4 Credits) **Schedule:** M 0100 PM - 0300 PM

Instructor Permissions: Instructor **Enrollment Cap:** 250

The world's economic and political order reels under mounting challenges: the global financial crisis, the austerity debacle, a slowdown in economic growth and productivity, the aggravation of inequality and the inadequacy of conventional responses to it, the discrediting of the Washington Consensus, the globalization backlash, the re-emergence of nationalist politics in Europe and the United States, and a contest over the meaning, value, and requirements of democracy. We examine connections among these phenomena and explore alternative ways of thinking about contemporary market economies and their reconstruction. We organize the course around four related themes: the worldwide financial and economic crisis of the recent past and its management; the effort to promote socially inclusive economic growth in richer as well as in poorer countries; the nature, fate, and dissemination of the new knowledge-intensive style of production; and the past, present, and future of globalization.

Course Notes: **Students should have some previous acquaintance with economics but no advanced economic training is required.**

Jointly offered with the Law School.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Lottery	FAS Lottery
FAS: Course Level	Primarily for Undergraduate Students
FAS General Education	Histories, Societies, Individuals
All: Cross Reg Availability	Available for Harvard Cross Registration

General Education 1055

Transforming Society: Revolution or Reform (125749)

James Simpson

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 250

Is revolution or reform the best way to transform society? To answer this question, we will explore the relation between utopian Enlightenment cultures and dystopian literary cultures in Western history. For each moment of rapid change, from Plato to the Communist and surveillance revolutions of the twentieth century, we will focus on two texts: one that promotes the enlightened and revolutionary utopian social blueprint; and one that offers an alternative, often dystopian model of transformation. You will come away from this course having a chronologically wide and intellectually serious immersion in 2500 years of European philosophical and literary history. Throughout, you are encouraged to think about what resources we use to imagine social transformation and to ask if revolution is in fact the best way to effect social transformation.

Course Notes: **Students who have taken Culture and Belief 18 or Humanities 53 may not take this course for credit.**

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS General Education	Aesthetics and Culture
FAS: General Education (old)	Culture and Belief
FAS Divisional Distribution	None
FAS: Core Curriculum (old)	Literature and Arts C
FAS: General Education (old)	Study of the Past
FAS Lottery	FAS Lottery
FAS: General Education (old)	Aesthetic and Interpretive Understanding

General Education 1057

Poetry Without Borders (125186)

Stephanie Sandler

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 250

Without borders, can there be poetry? The border of white paper surrounds printed poems; national boundaries keep cultural and linguistic traditions distinct; and aesthetic practice and its conventions create genres and demarcate poetry from music or dance or film. How poetry requires but also perversely challenges these limits will be the subject of this course.

The course studies the cultural practice of poetry, with an emphasis on contemporary poetry. We will examine four kinds of borders – performative, linguistic, geographic, and aesthetic. That yields four large topics: poetry in and about public places (how does poetry speak to public life, including political life? How does poetry address experiences of trauma and harm? What ethical challenges loom large in poetic practice?); poetry and translation (what happens when poems cross languages? how to read mixed-language or macaronic poems?); poetry, confinement, and migration (what happens when poets cross geographic borders? what do they hear in a new language and, as a result, in their own? how do mixed identities and allegiances work? how have the current crises around border crossings and around incarceration affected poetic practices?); and poetry and the other arts (how have the cross-influences of music, film, dance, the visual arts, and photography been felt in poetry? how do poems become visual artifacts, or scripts for performance?).

We will read, listen to, and learn from Laurie Anderson, Reginald Dwayne Betts, Joseph Brodsky, Angie Estes, Allen Ginsberg, Eliza Griswold, Susan Howe, Jorie Graham, Daniil Kharms, Idra Novey, Eugene Ostashevsky, Yang Lian, Valzhyna Mort, Vladimir Nabokov, M. NourbeSe Philip, Tracy K. Smith, Brian Turner, C. D. Wright, Lida Yusupova, and others.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS General Education	Aesthetics and Culture
FAS: Course Level	Primarily for Undergraduate Students
FAS Lottery	FAS Lottery

General Education 1058 Section: 001L

Tech Ethics: AI, Biotech, and the Future of Human Nature (120670)

Michael Sandel

Douglas Melton

2019 Fall (4 Credits) **Schedule:** R 0345 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 683

The course explores the moral, social, and political implications of new technologies. Will biotechnology and AI enable us to hack humanity? Should we edit the genes of our children, extend the human lifespan, and genetically enhance our athletic ability and IQ? Can algorithms be fair? Will robots make work obsolete? Can smart machines outthink us? In an age of big data and social media, is privacy over? Is democracy?

The course will ask how science and technology are transforming the way we work, learn,

make friends, raise children, care for our health, conduct our politics, and understand what it means to be human.

Class Notes: **This course will meet in the Auditorium at the Harvard Business School's Klarman Hall. To find Klarman Hall on a map, please see https://www.hbs.edu/maps/#66.7%2c63.9.**

Class Notes: **This course has an enrollment cap and requires that by 11:59 p.m. Thursday, September 5, you use my.harvard to request instructor permission to enroll. If requests to enroll do not exceed available seats, permission to enroll will be granted on Friday, September 6. If interest exceeds available seats, a lottery of those who have requested permission will run on Friday, September 6, and all participants will be notified of the results via Harvard email. For more information, including how to request permission, please see gened.fas.harvard.edu/enrollment or visit the course's Canvas site.**

Requirements: **Anti-req: Cannot be taken for credit if SCRB 60 already complete**

Additional Course Attributes:

Attribute	Value(s)
FAS General Education	Ethics and Civics
FAS General Education	Science and Technology in Society
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	None

General Education 1061

Digging the Glyphs: Adventures in Decipherment (122942)

Nicholas Carter

2020 Spring (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 250

Writing is an ancient technology, independently invented and forgotten in different times and places over human history. Some ancient scripts can now be read again, while others remain undeciphered – but what makes the difference between them? In this course, we will use the decipherment and interpretation of writing systems as a springboard to larger questions about knowledge and meaning: what signs are and how they work, how we "read" the world around us, and how (and whether) we can be confident that we know what we say we know. You will broaden your understanding of what writing is, the many social functions of script, and how we reason from signs to generalizations about the world. This course will prepare you to think about signs and signification in everyday life and the implicit and explicit role of communications technologies in shaping social realities.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Primarily for Undergraduate Students
FAS General Education	Aesthetics and Culture
FAS Lottery	FAS Lottery

General Education 1062

Ballots and Bibles: Why and How Americans Bring Scriptures into Their Politics (212843)

David Holland

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 250

In 2018, in a public speech to law enforcement officers, the attorney general of the United States used a scriptural passage to defend tougher implementation of immigration laws. His reference bewildered observers who were unaware of a long tradition of citing Romans 13 in American political controversies, including such formative conflicts as the American Revolution and the sectional crisis over slavery.
This course introduces students to a complex history of political invocations of scripture, encouraging them to think about why this practice persists, the interpretive strategies it involves, and the implications of such scriptural appeals for civic culture. Co-taught by faculty with expertise in biblical studies and American history, the course asks students to engage texts thoughtfully, to consider historical contexts thoroughly, and to see why these texts and their use matters in the present.
Course materials includes primary sources (e.g., campaign speeches, Congressional debates, Civil Rights slogans) and scholarly literature, such as the wealth of research on the history of biblical justifications for war or the legal theories that guide applications of the First Amendment.
Student projects afford class participants the chance to engage in both historical research and textual hermeneutics. The objective of the course is to equip students to recognize the historical legacies that contemporary political conversations carry, to engage critically the modes of textual interpretation that inform political rhetoric, and to write cogently about the complex implications of political appeals to scriptural authority.

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS General Education	Histories, Societies, Individuals
FAS Divisional Distribution	None
FAS Lottery	FAS Lottery

General Education 1063

World Health: Challenges and Opportunities (126193)

Sue J. Goldie

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 135

Extraordinary changes in the world present both risks and opportunities to health—unprecedented interconnections across borders, rapidly shifting global demographics, and changing patterns of diseases and injuries. This course will challenge your assumptions about the world's populations, as you discover surprising similarities and unexpected differences between and within countries. Approaching the concept

of health as a fundamental prerequisite for building strong societies, we will explore its connection to human rights, international relations, and sustainable development. Using case examples of contemporary health challenges, we explore the influence of social, political, and environmental determinants on health, particularly transnational risks associated with globalization. We consider solutions from an array of perspectives, contributions from within and outside the health sector, and interventions at the local, national and global levels. By the end of the course, you will be equipped to thoughtfully analyze important health challenges and appreciate how evidence is contextualized and translated to policy and action.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS General Education	Science and Technology in Society
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Lottery	FAS Lottery

General Education 1064

Brains, Identity, and Moral Agency (109360)

Steven Hyman

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 120

Advances in brain science have the potential to diminish many forms of human suffering and disability that are rooted in disordered brain function. But what are the ethical implications involved in altering the structure and function of human brains? What's at stake when we have the ability to alter a person's narrative identity, create brain-computer interfaces, and manipulate social and moral emotion? In this course, you will ask and attempt to answer these questions, and discuss the implications of mechanistic explanations of decision-making and action for widely-held concepts of moral agency and legal culpability. This course will prepare you to be a thoughtful citizen of a world characterized by rapidly emerging understandings of human brain function, and by new technologies intended to repair or influence human brains.

Course Notes: **For students who have taken MCB 80, it is contemplated that there will be a section that incorporates more advanced concepts from neurobiology.**

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Recommended Prep: **LPS A or LS 1a, a 4 or 5 on the AP Biology exam, or equivalent experience in biology**

Additional Course Attributes:

Attribute	Value(s)
FAS: General Education (old)	Ethical Reasoning

FAS: Course Level	For Undergraduate and Graduate Students
FAS General Education	Ethics and Civics
FAS Divisional Distribution	None
FAS Lottery	FAS Lottery
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS General Education	Science and Technology in Society

General Education 1066

Rationality (212850)

Steven Pinker

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 250

How can members of a species that discovered symbolic logic and the double helix also believe that the earth is flat and that Hillary Clinton ran a child-sex ring out of a pizzeria? Human rationality is very much in the news, as we struggle to understand how an era with unpreceded scientific sophistication could harbor so much fake news, conspiracy theorizing, and "post-truth" rhetoric. Rationality has also long been a foundational topic in the academy, including philosophy, psychology, economics, mathematics, and government.

Part I of "Rationality" covers the nature of rationality, including logic, statistical decision theory, Bayesian reasoning, game theory, expected value, critical thinking, and common logical and statistical fallacies.

Part II covers the cognitive science of rationality, including classic writings by psychologists and behavioral economists. Are humans a "rational animal"? Can machines be artificially rational? Could our irrational heuristics and biases be evolutionary adaptations to a vanished world? Could beliefs that are factually irrational be socially rational as expressions of loyalty to a cultural or political tribe? Can people be cured of their irrationality?

Part III covers applications. How can our opinions and practices be made more rational? Examples may include policy (Nudge), crime (Compstat), development aid (Randomistas), sports (Moneyball), reporting (Politifact), polling (538.com), health (Quality-Adjusted Life Years), psychotherapy (Feedback-informed treatment), forecasting (prediction markets & tournaments), and philanthropy (Effective Altruism—a major focus). Some topics will be presented by expert guest lecturers.

Assignments will include a midterm exam, class quizzes, and a capstone project, in which students will choose a cause or concern and explore how principles of rationality could make it more attainable.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Lottery	FAS Lottery
FAS Divisional Distribution	None
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
FAS General Education	Ethics and Civics

General Education 1069 Section: 001L

Faith and Authenticity: Religion, Existentialism and the Human Condition (109861)

Courtney Lamberth

David Lamberth

Cornel West

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course engages some of the most fundamental questions of human existence through the philosophical, theological and literary works of 19th and 20th century authors many of whom are associated with the movement called "existentialism." What is an authentic individual life? How does one find meaning in light of modern challenges to claims about the nature of God, revelation and the soul? Is religious faith compatible with an understanding of historicity and the threat of nihilism? With a life of integrity and freedom? Of what use are philosophical and theological reasoning in establishing meaning? This course introduces central questions in Western philosophy of religion through close reading of fundamental texts in existentialism with attention to selected philosophical and theological sources. The course focuses especially on the themes of authenticity and absurdity, finitude and death, faith and ambiguity, and the quest for freedom and responsibility.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS General Education	Aesthetics and Culture
FAS Divisional Distribution	None
FAS: Final Assessment Category	Three-hour Exam

General Education 1070

Life as a Planetary Phenomenon (120881)

Dimitar Sasselov

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 150

What is it about Earth that enables life to thrive? This question was reinvigorated with the 2016 ground-breaking discovery of a habitable planet around the nearest star, Proxima Centauri. A decade of exploration confirmed that such planets are common in our galaxy, and the commonality of habitable planets has raised anew some age-old questions: Where do we come from? What is it to be human? Where are we going? Are we alone in the universe? And last, but not least, what are the dangers of becoming a multi-planet species? Life and planets are intricately linked through geological processes, chemistry, and ultimately, biology, all of which you will explore in this course as we endeavor to answer questions about our place on this planet and beyond. You will gain knowledge of some natural sciences fundamentals while exploring current issues in biotechnology and space exploration technology. This course aims to equip you with both a conceptual understanding of Earth and its place in the universe as well as the quantitative reasoning to think critically about it. Hands-on experiences are central to accomplishing these objectives.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS General Education	Science and Technology in Society
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Lottery	FAS Lottery

General Education 1071

Wakanda Revisited: African Spirituality in Ancient and Modern Times (212849)

Jacob Olupona

2019 Fall (4 Credits) **Schedule:** W 0945 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** 50

Taking the Marvel blockbuster "Black Panther" as a starting point, the course will explore the African spiritual heritage both on the continent and the diaspora communities (Black Atlantic diasporas). We will begin by spelling out the features of African indigenous religious traditions: cosmology, cosmogony, mythology, ritual practices, divination, healing ceremonies, sacred kingship, etc. We will then explore how these traditions have travelled across the oceans to the new world and how they have contributed to the emergence of new forms of black identities in Brazil, the Caribbean, the USA, etc. This class will equally look at African religious encounters with Islam and Christianity on the continent, resulting in what we often call "Africa's Triple Heritage". It then considers African religious sensibilities in the contemporary period, as they relate to the issues of modernity, economic and social development, ethnic and cultural identities, class, and community relations. Finally, we will look at the status of African religion as a global tradition, not necessarily in competition with other religious traditions, but in its relationship to other world religions.

Class Notes: **This course has an enrollment cap and requires that by 11:59 p.m. Thursday, September 5, you use my.harvard to request instructor permission to enroll. If requests to enroll do not exceed available seats, permission to enroll will be granted on Friday, September 6. If interest exceeds available seats, a lottery of those who have requested permission will run on Friday, September 6, and all participants will be notified of the results via Harvard email. For more information, including how to request permission, please see gened.fas.harvard.edu/enrollment or visit the course's Canvas site.**

Additional Course Attributes:

Attribute	Value(s)
FAS General Education	Histories, Societies, Individuals
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

General Education 1073

Guns in the U.S.: A Love Story (212845)

Caroline Light

2020 Spring (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** 75

The U.S. comprises 5% of the world's population but holds approximately 40% of the world's guns. We also experience more gun-related deaths than any economically comparable nation. How did the nation become a "gun culture," and whose rights and interests does widespread armament serve? Who is included in the Second Amendment's appeal to "the right of the people to have and bear arms," and how have notions of race, gender, class, and sexuality framed popular understandings of "good guys" and "good women" whose armed citizenship is required for the nation's security? We'll read analyses from public health, history, literary/cultural studies, political science, and gender/ethnic studies to help unpack collective assumptions and historical blindspots about the purposes and effects of contemporary gun ownership.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
FAS General Education	Histories, Societies, Individuals
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Lottery	FAS Lottery

General Education 1074 Section: 001L

The Ancient Greek Hero (113501)

Gregory Nagy

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 250

How to face death? Concentrating on this central human question, we will explore some of the greatest works of ancient Greek literature (in English translation). For the Greeks, a special way to address the problem of death was to think long and hard about what they called heroes in their myths. Our purpose in this course is to extend that kind of thinking to the present. Assignments invite you to engage in personal reflections on the meaning of life and death in the light of what we read in Greek literature about the ordeals of becoming a hero.

Class Notes: **This course has an enrollment cap and requires that by 11:59 p.m. Thursday, September 5, you use my.harvard to request instructor permission to enroll. If requests to enroll do not exceed available seats, permission to enroll will be granted on Friday, September 6. If interest exceeds available seats, a lottery of those who have requested permission will run on Friday, September 6, and all participants will be notified of the results via Harvard email. For more information, including how to request permission, please see gened.fas.harvard.edu/enrollment or visit the course's Canvas site.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Core Curriculum (old)	Literature and Arts C
FAS: General Education (old)	Culture and Belief

FAS: Course Level	Primarily for Undergraduate Students
FAS: General Education (old)	Study of the Past
FAS General Education	Aesthetics and Culture
FAS Divisional Distribution	None
FAS: General Education (old)	Aesthetic and Interpretive Understanding

General Education 1076

Equity and Excellence in K12 American Schools (107341)

Katherine K. Merseth

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 80

Each year, between September and June some 52 million students attend public schools in America. But why? Why do we have K-12 schools in America? What is their purpose? What we do expect schools to accomplish? Headlines decrying the failed state of our nation's schools and clarion calls for the improved quality and reach of American schooling in the 21st century are commonplace. Against this backdrop, the course grapples with questions that have defined American K-12 education throughout history. What constitutes educational excellence? Is it realistic or naïve to strive for both equity and excellence for all students? Who are we educating and how important are student identities to schooling outcomes? Given that educators, families, politicians, and the courts often disagree vehemently about the answers to these questions, the course explores these debates and considers who and what will define the future of American K-12 education and its role in society.

Class Notes: **This course has an enrollment cap and requires that you use my.harvard to request instructor permission to enroll. If requests to enroll do not exceed available seats, permission to enroll will be granted on the date listed on the course syllabus. If interest exceeds available seats, a lottery of those who have requested permission will determine which students may enroll. For more information, including how to request permission, please visit the course's Canvas site and gened.fas.harvard.edu/enrollment.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS General Education	Ethics and Civics
FAS General Education	Histories, Societies, Individuals

General Education 1076 Section: 002

Equity and Excellence in K12 American Schools (107341)

Katherine K. Merseth

Ellis Reid

Alexis Yeboah-Kodie

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 80

Each year, between September and June some 52 million students attend public schools in America. But why? Why do we have K-12 schools in America? What is their purpose? What we do expect schools to accomplish? Headlines decrying the failed state of our nation's schools and clarion calls for the improved quality and reach of American schooling in the 21st century are commonplace. Against this backdrop, the course grapples with questions that have defined American K-12 education throughout history. What constitutes educational excellence? Is it realistic or naïve to strive for both equity and excellence for all students? Who are we educating and how important are student identities to schooling outcomes? Given that educators, families, politicians, and the courts often disagree vehemently about the answers to these questions, the course explores these debates and considers who and what will define the future of American K-12 education and its role in society.

Additional Course Attributes:

Attribute	Value(s)
FAS General Education	Histories, Societies, Individuals
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS General Education	Ethics and Civics

General Education 1078 Section: LEC

Disease, Illness, and Health through Literature (214343)

Karen Thornber

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Inevitably, at some point in our lives, most of us will develop a health condition that requires medical treatment and care. We also, regardless of our career, are likely to be called on to provide care for those whose health conditions make it impossible for them to care for themselves. What does it mean to be an effective partner in care, both in our personal lives and, for those in the health professions, in our professional lives? How can we best prepare ourselves to be effective care partners, whether we are the givers of care, the receivers of care, or often both? What should our short-term and long-term goals be and how can we best implement these goals? As healthcare costs soar and considerable suffering from disease and illness continues despite regular advances in medical technology, what should we advocate for in our communities, our societies, our nations, and beyond to ease the burden of disease and illness on caregivers and care recipients alike?

This course provides the ideal space for you to contemplate these and similar fundamental questions, which all of us increasingly must face. Class discussions, readings, and written assignments will provide the tools for you to become more effective advocates for compassionate care, both now and in the future. Engaging with a diverse range of memoirs, creative non-fiction, life writing, and novels from five continents by physicians, patients (including physician-patients), and concerned citizens alike, the course challenges many fundamental preconceptions regarding disease, illness, health, and care. We will interrogate what it means to promote healing and wellbeing in our personal and professional lives.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS General Education	Aesthetics and Culture
FAS: Course Level	Primarily for Undergraduate Students

General Education 1079

Why is There No Cure for Health? (125932)

David Cutler

2019 Fall (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** 250

Around the world, billions of dollars are spent on health care treatments, public health initiatives, and pharmaceutical research and development. So why are we still not able to prevent preventable diseases, provide affordable healthcare for millions of people, and deliver cures for curable diseases? And what are the best ways to address these issues?

Because these questions are so large, we will focus our discussion around questions like: What steps should be taken to end HIV/AIDS? How should the United States reform its health care system? And how should prescription drugs be produced and sold?

We will explore how social scientists address empirical questions, the types of data that are available, how those data are analyzed, and the confidence with which causal statements are made. By the end of the course, you will be able to dissect a large question—such as how to reform American healthcare—into its technological, social, economic, and moral components, and weigh potential solutions according to these guiding vectors.

Class Notes: **This course has an enrollment cap and requires that by 11:59 p.m. Thursday, September 5, you use my.harvard to request instructor permission to enroll. If requests to enroll do not exceed available seats, permission to enroll will be granted on Friday, September 6. If interest exceeds available seats, a lottery of those who have requested permission will run on Friday, September 6, and all participants will be notified of the results via Harvard email. For more information, including how to request permission, please see gened.fas.harvard.edu/enrollment or visit the course's Canvas site.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS General Education	Science and Technology in Society

General Education 1080

How Music Works: Engineering the Acoustical World (205412)

Robert Wood

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 60

How does Shazam know what song is playing? Why do some rooms have better acoustics than others? How and why do singers harmonize? Do high-end musical instruments sound better than cheap ones? How do electronic synthesizers work? What processes are common in designing a device and composing a

piece of music? How is music stored and manipulated in a digital form? This class explores these and related themes in an accessible way for all concentrators, regardless of technical background. The class is driven by hands-on projects to enhance your technical literacy, a critical skill for anyone designing solutions to today's most pressing and complex issues. The projects are designed so that the creativity of students in all fields will have a role to play. Lectures, demonstrations, and guest lecturers/performers are integrated into the class to build foundational knowledge and to inspire. We will also explore wider social and historical themes related to music and acoustics. The class is approached from an engineering perspective, using music and musical instruments as the framework to introduce a broad array of concepts in physics, mathematics, and engineering. Requires no previous exposure to physics or calculus beyond the high school level.

Class Notes: **This course has an enrollment cap and requires that by 11:59 p.m. Thursday, September 5, you use my.harvard to request instructor permission to enroll. If requests to enroll do not exceed available seats, permission to enroll will be granted on Friday, September 6. If interest exceeds available seats, a lottery of those who have requested permission will run on Friday, September 6, and all participants will be notified of the results via Harvard email. For more information, including how to request permission, please see gened.fas.harvard.edu/enrollment or visit the course's Canvas site.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
FAS General Education	Science and Technology in Society

General Education 1081

The Celts: People or Construct? (212846)

Catherine McKenna

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 250

We are exposed every day to terms referring to ethnic groups, and we tend to accept these terms uncritically, assuming that we know what they mean and to whom they refer. These labels help to shape our sense of ourselves, of others, and of ourselves in relation to others. Yet the ethnic identities associated with such terms are in fact ambiguous and malleable, constructed of a shifting array of elements, including genetics, shared history, language, religion, economy, political institutions, music, architecture, and foodways. Ethnic descriptors encode attributes, either positive or negative, with which people want to associate themselves or others. So, in order to understand the claims implicit in the use of an ethnic label, we need to evaluate the bases for assigning it and who allows a people the identity they claim for themselves.

This course takes as a case study the idea of the "Celt," a term thrown around so freely that it sometimes seems to be as much a brand as an ethnonym. In our readings and a series of hands on exercises, we explore the ways in which the history, languages, material culture, and cultural mythology of Celtic peoples are used both to construct and to deconstruct Celtic identity. Then we examine the cultural and political forces that have motivated these constructions and deconstructions.

Studying what "Celt" has meant over the course of the past 2500 years, you will develop tools for analyzing the bases of ethnicity claimed by a people or attributed to them by others. And by examining the ways in

which the name "Celt" has been both adopted as a badge of honor and assigned as a way of dismissing conquered peoples, you will better understand the ways in which ethnic labels manipulate attitudes toward the groups with which they are associated.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Lottery	FAS Lottery
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS General Education	Histories, Societies, Individuals
FAS Divisional Distribution	None

General Education 1083 Section: 001L

Permanent Impermanence: Why Buddhists Build Monuments (207917)

Jinah Kim

Yukio Lippit

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Everything changes. This is, in its simplest and most fundamental formulation, one of the essential teachings of Buddhism. Buddhist communities throughout history have preached, practiced, and written about the ephemerality and illusoriness of our everyday lives and experiences. Ironically, however, many of these same communities have attempted to express these teachings in the form of monumental structures meant to stand the test of time. Some of the world's greatest cultural heritage sites are a legacy of this seeming contradiction between the impermanence that is a central presupposition of Buddhist thought and the permanence to which these same monuments seem to aspire. If the world is characterized by emptiness and the Self is illusory, how does one account for the prodigious volume of art and architecture created by Buddhists throughout history? This Gen Ed course takes a multicultural and reflective engagement with the challenges presented by this conundrum through a study of Buddhist sites scattered throughout time and space. Pertinent topics such as cosmology, pilgrimage, materiality, relics, meditation, and world-making will be explored. Through these Buddhist monuments in South and Southeast Asia, the Himalayas, Central Asia, China, Korea, and Japan, students will learn about the rich, diverse world of Buddhist practice and experience.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS General Education	Aesthetics and Culture
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

General Education 1084

The First Nine Months (212874)

David Haig

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 250

What makes a human? A baby develops from a single cell during the nine months of gestation, but the process that begins so simply has complications that stretch beyond the womb into questions of human identity and individuality. This course will explore the process of embryonic and fetal development, highlighting complicated questions such as the medical dilemma of maternal-fetal conflict, which occurs when doctors must evaluate the competing health needs of both fetus and mother. You will study disorders of pregnancy such as gestational diabetes and preeclampsia, as well as types of nonstandard fetal development, like monozygotic twins or microchimerism, that result in human diversity. The course will also consider the kinds of families made possible by ovum donation, sperm donation, surrogate pregnancies, and the like, as well as the questions of bioethics raised by such assistive reproductive technologies.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS General Education	Science and Technology in Society
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
FAS Lottery	FAS Lottery

General Education 1085

Energy Resources and the Environment (156316)

John Shaw

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 112

This is a revolutionary time of change regarding how we produce and utilize energy around the world. How will we provide enough energy to support our growing global economy while protecting our environment? This class examines the full life cycle of each energy resource, including where it comes from geologically, how we acquire it, the way it is used in our economies, and the environmental impacts of these activities. We will run the gamut from conventional to emerging sources of energy: coal, petroleum, geothermal and nuclear systems, as well as renewable energy options. By the end of this course, you will be familiar with the materials, tools and methods used in modern energy industries. You will be able to understand the ways in which we currently produce usable energy, and their effect on our environment. These insights into current practices, combined with an assessment of future trends in technology and energy demand, will help you to become a citizen who understands and can therefore help shape our energy systems, and preserve our environment in the face of expanding human development.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS: Final Assessment Category	Three-hour Exam

FAS General Education	Science and Technology in Society
FAS Divisional Distribution	None
FAS Lottery	FAS Lottery
All: Cross Reg Availability	Not Available for Cross Registration

General Education 1087 Section: 001L

Multisensory Religion: Rethinking Islam Through the Arts (125190)

Ali Asani

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

One need only walk into a church, a mosque, a temple, a synagogue or any place of worship to experience the complexity, beauty and aesthetic power of religion through the senses. For millions of believers the world over, their experience of religion is not only—or even primarily—dictated by ideological teachings; it is forged through personal and private experiences, very often sensory in nature and embedded in the arts broadly defined. These "silent" forms of religion—silent because we generally do not hear about them in the media or in political and social spaces—are centered on the individual believers' faith and relationship to the divine or the transcendent. The arts are key to understanding religion as a multisensory experience rather than just an ideology of identity and to asking questions like: What does it mean to call some art "religious"? Who decides what counts? On what basis? How can interpreting an individual believer's engagement with the arts as an exercise of religious authority help us see "religion" in a new light?

This course focuses on Islam as a case study through which we can explore the complex and multifaceted relationship between religion and the arts. We will learn to listen, see, and experience those "silent" forms of Islam by studying Muslims' engagement with the literary arts (scriptures, panegyrics, love lyrics, epic romances, folk songs, and folk tales), as well as sound and visual arts (Quran and poetic recitations, music, dance, drama, architecture, calligraphy, and miniature painting). In the process, we will create a nuanced picture of the rich and multicolored tapestry of the ways in which the arts create religious tradition and innovation, weaving the voices of poets, novelists, short-story writers, folk musicians, and rock stars with those of clerics, theologians, mystics, scholars, and politicians.

Given the cultural diversity of Muslim societies, the course draws on material from regions beyond the Middle East, particularly sub-Saharan Africa and South and Southeast Asia. This course assumes no prior knowledge of Islam.

Additional Course Attributes:

Attribute	Value(s)
FAS General Education	Aesthetics and Culture
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

General Education 1088

The Crusades and the Making of East and West (212838)

Dimiter Angelov

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** 60

A series of wars in the later Middle Ages, the Crusades are one of the most significant and deeply symbolic events in human history. Marked by warfare and cross-cultural encounter between Christians and Muslims, they saw the first large-scale migration and colonization by Europeans before the Age of Discovery, the rise of the Italian merchant republics, and the solidification of religious and cultural identities across Europe and the Mediterranean. Students will learn about the origins of the Crusades, the most important expeditions, the expansion of crusading toward new targets, and the decline of crusading after the sixteenth century. This course is about the Crusades both in history and in memory, about communities in war and peace, and about stories and memories that have endured to the present day. With the help of fascinating texts written by Westerners, Byzantines, and Muslims, it explores how each culture interpreted and remembered the Crusades, and how the Crusades have come to mark our understanding of the East and West as distinct cultural traditions.

Class Notes: **This course has an enrollment cap and requires that by 11:59 p.m. Thursday, September 5, you use my.harvard to request instructor permission to enroll. If requests to enroll do not exceed available seats, permission to enroll will be granted on Friday, September 6. If interest exceeds available seats, a lottery of those who have requested permission will run on Friday, September 6, and all participants will be notified of the results via Harvard email. For more information, including how to request permission, please see gened.fas.harvard.edu/enrollment or visit the course's Canvas site.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS General Education	Histories, Societies, Individuals
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students

General Education 1093

Who Lives, Who Dies, Who Cares? Reimagining Global Health (124127)

Arthur Kleinman

Paul Farmer

Anne Becker

Salmaan Keshavjee

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 250

If you are sick or hurt, whether you live or die depends not only on biological factors, but social ones: who you are and where you are, what sort of healthcare system is available to help you survive, and what kind of care is available to help you recover, if society believes you deserve it. Most medical research narrowly focuses on the biological basis of disease, but this course takes a novel biosocial approach to reveal how governments, institutions, and histories shape health and well-being, how poverty and racism get into someone's lymph nodes, how cost- saving measures manifest as tuberculosis in someone's lungs. In doing so, the course challenges the conventional assumptions within the field of global health—examining how interventions influence what happens after a catastrophe in unexpected ways, how the persistence of health inequalities over centuries can be explained, how the structures of powerful institutions influence the policies they develop, how the poor deserve not only health care but high quality health care, and how caregiving and global health are urgent moral practices.

Class Notes: **This course has an enrollment cap and requires that by 11:59 p.m. Thursday, September 5, you use my.harvard to request instructor permission to enroll. If requests to enroll do not exceed available seats, permission to enroll will be granted on Friday, September 6. If interest exceeds available seats, a lottery of those who have requested permission will run on Friday, September 6, and all participants will be notified of the results via Harvard email. For more information, including how to request permission, please see gened.fas.harvard.edu/enrollment or visit the course's Canvas site.**

Additional Course Attributes:

Attribute	Value(s)
FAS General Education	Science and Technology in Society
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

General Education 1094

The Climate-Energy Challenge (126633)

Daniel Schrag

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 75

This course will examine future climate change in the context of Earth history, and then consider various strategies for what might be done to deal with it. The likely impacts of continued greenhouse gas emissions will be explored, emphasizing the scientific uncertainties associated with various predictions, and how this can be understood in the context of risk. In the latter third of the class, the question of how to mitigate climate change will be discussed, including an examination of various options for advanced energy systems. By the end of the semester, you will be able to design a low-carbon energy system for the U.S. with a consideration of each of our four basic energy sectors (transportation, industry, residential and commercial, and electricity). You will also develop an understanding of international climate efforts and consider the policy options to combat climate change.

Class Notes: **This course has an enrollment cap and requires that you use my. harvard to request instructor permission to enroll. If requests to enroll do not exceed available seats, permission to enroll will be granted on the date listed on the course syllabus. If interest exceeds available seats, a lottery of those who have requested permission will determine which students may enroll. For more information, including how to request permission, please visit the course's Canvas site and gened. fas.harvard.edu/enrollment.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS General Education	Science and Technology in Society
FAS Divisional Distribution	None

General Education 1095

Is War Inevitable? (214413)

Derek Penslar

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 250

Why is there war? Will there always be war? This course tackles these questions through a historical overview of human conflict that incorporates approaches from International Relations, Psychology, Ethics, and Comparative Literature. The course begins by discussing the socio-biological roots of human aggression and altruism, and pre-modern justifications for war and attempts to place limits on its conduct. We will then move on to a series of case studies of modern wars, divided into six types - interstate, revolutionary, civil, colonial, separatist, and global. We will examine each type of war's effects on fighters and non-combatants alike and repercussions for post-war society. We will see how each type of war has fostered different approaches – ranging from international humanitarian law, organizations like the League of Nations and United Nations, and anti-war protest movements –to the prevention, mitigation, or resolution of conflict. We will conclude with two final case studies: the Cold War (1947-1991) and "War on Terror" (2001 -), which have reduced war's intensity but rendered it more difficult to eradicate and more potentially destructive.

Our readings will combine textbook overviews of wars and their aftermath, in-depth studies of specific topics, and primary sources such as works on military strategy and just war theory, representations of war in literature and cinema, and diaries and memoirs. Course requirements include a take-home midterm, a final examination, and two short papers based on the primary sources.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS General Education	Histories, Societies, Individuals
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS Lottery	FAS Lottery

General Education 1097 Section: 001L

Tradition, Performance, and Culture (125216)

Stephen Mitchell

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** 75

What is culture, and how does it shape us? This class explores how folklore (a broad term meant to include all aspects of tradition, custom, and heritage) and its expressive manifestations shape national, regional, and ethnic identities. In particular, we examine the function of folklore within the communities that have, perform and use these cultural goods, as well as the ways traditions are expressed and performed in daily life. In this

course, you will study major forms of folklore (e.g., myths, legends, beliefs, rituals, festivals), as well as the theoretical approaches (e.g., performance theory, the ethnography of communication) used to interpret cultural documents drawn from the world of traditional expression and ritualized behavior.

Class Notes: **This course has an enrollment cap and requires that by 11:59 p.m. Thursday, September 5, you use my.harvard to request instructor permission to enroll. If requests to enroll do not exceed available seats, permission to enroll will be granted on Friday, September 6. If interest exceeds available seats, a lottery of those who have requested permission will run on Friday, September 6, and all participants will be notified of the results via Harvard email. For more information, including how to request permission, please see gened.fas.harvard.edu/enrollment or visit the course's Canvas site.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS General Education	Aesthetics and Culture
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

General Education 1098

Natural Disasters (112430)

Brendan Meade

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 70

From Mexico to India, San Francisco to Tokyo, natural disasters have shaped both the surface of our planet and the development of civilizations. These catastrophes claim thousands of lives and cause tens of billions of dollars in damage each year, and the impact of natural disasters is only increasing as a result of human population growth and urbanization. This course uses the methods and skills associated with earth science to help you to develop an understanding of both the causes and impacts of these events. By the end of this course, then, you will be able to understand the ways in which societies can systematically anticipate and prepare for the kinds of natural disasters which many people have come to assume are inevitable.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS Lottery	FAS Lottery
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS General Education	Science and Technology in Society
FAS: Course Level	Primarily for Undergraduate Students

FAS Divisional Distribution	None

General Education 1099

Pyramid Schemes: What Can Ancient Egyptian Civilization Teach Us? (126641)

Peter Manuelian

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 120

How much of your impression of the ancient world was put there by Hollywood, music videos, or orientalist musings out of the West? How accurate are these depictions? Does it matter? This course examines the quintessential example of the "exotic, mysterious ancient world" – Ancient Egypt – to interrogate these questions. Who has "used" ancient Egypt as a construct, and to what purpose? Did you know that pyramids, mummies, King Tut, and Cleopatra represent just the (overhyped) tip of a very rich civilization that holds plenty of life lessons for today? Combine the ancient Egyptians' explanations of the world's natural forces with all the social complexity of human interaction and you have a fully formed society—about four millennia of accumulated experience!

Can investigating the "real" ancient Egypt unpack our current misconceptions about the land of the pharaohs? Hardly morose, tomb-building "zombies," the Egyptians embraced life in all its messy details. Piety and corruption, imperialism and isolationism, divinity and mortality all played significant roles in life along the Nile. What can we learn about the nature of politics and society in our time by seeing the parallels between the ancient past and today?

We will explore archaeology, modern Egyptomania, repatriation, new digital visualization technologies, and international politics. What was ancient Egyptian racism? What is archaeological racism? Who owns the past? Who needs it? We will take excursions into Egyptian art, history, politics, religion, literature and language (hieroglyphs), plus the evolution of Egyptology as a discipline. Field trips to the Museum of Fine Arts, Boston, the Peabody Museum, and the Harvard Semitic Museum are included, along with the Giza Pyramids in 3D, viewed in Harvard's Visualization Lab classroom.

Students will gain a transformative appreciation for the outstanding monuments and intellectual traditions of ancient Egypt. And with newly broadened horizons, we will debunk the popular myths.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS Lottery	FAS Lottery
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS General Education	Histories, Societies, Individuals

General Education 1100

The Two Koreas in the Modern World (116999)

Carter Eckert

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 60

How and why did there come to be two competing and adversarial states on the Korean peninsula in our contemporary world, one a prosperous capitalist democracy of global reach, and the other an impoverished dictatorship, bordering on theocracy and almost totally estranged from the international community—both claiming exclusive rights to speak for the Korean people and the Korean "nation" as a whole? In this course, we will explore not only the two contemporary Korean societies, North and South, but also to Korea's pre-modern and colonial periods, and to explore together the roles played by China, Japan, the United States, and Russia (Soviet Union) in shaping modern Korean history. We will look beyond the headlines to come to a more complex and nuanced understanding of the conflict on the Korean peninsula as one grounded in the history and legacies of the past hundred years. By showing the tumultuous changes, some good, some ill, on the Korean peninsula since the late 19th century, the course challenges us to confront the constantly shifting nature of historical forces, and to examine the ethical dimensions of particular historical choices. Readings will include primary source materials from each period, and assignments will culminate in a research paper or other capstone project that engages with the individual actors, historical forces, and global politics that have shaped the two Koreas.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
FAS General Education	Histories, Societies, Individuals
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Lottery	FAS Lottery

General Education 1101

The Business of China (108854)

William Kirby

2020 Spring (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** 60

China will become the world's largest economy by 2030. Chinese firms have transformed business landscapes at home and now seek a global role. What can we learn about China—its people, its government, its culture—from its transformative enterprises? This course uses business as a lens through which to study modern China and its global impact. Using Harvard Business School case studies, we explore the drivers of China's growth: traditional family firms and internet startups; state-owned enterprises and private-sector challengers; and the catalytic role of Hong Kong, Taiwan, and foreign enterprise in shaping contemporary China. We study the role of the Communist Party and government (local and national) in business and society. The course puts special attention on how U.S.-China relations are shaped by business in the era of Xi Jinping and Donald Trump. Can China lead? Will the 21st century be "the Chinese century?" At the end of this course you will be able to make well-informed judgments.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Lottery	FAS Lottery
FAS General Education	Histories, Societies, Individuals

General Education 1102

Making Change When Change is Hard: the Law, Politics, and Policy of Social Change (212858)

Samantha Power

Cass Sunstein

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 255

How does change happen? When, why, and how do people, and whole nations, come to together to influence large-scale policies and actions on issues like the environment, equality, criminal justice? Why do revolutions occur? This course will try to answer these questions, and do so by exploring a diversity of efforts related to societal change. In an effort to draw general lessons for those interested in making change, we will assess a range of political and legal approaches; examine mass movements and the leadership by organizations, governments, and individuals; and attempt to gauge outcomes. Using research from psychology, political science, and economics, and focusing on case studies, the course will explore the ideas behind several arguments: 1) big problems are rarely resolved with comparably big solutions, but instead are better met with small acts of reform; 2) coalition-building among strange bedfellows is usually indispensable; 3) agents of change fare best when they look to measure their impact and never lose sight of the real world results they seek, rather than the expressive highs along the way; 4) informational "cascades" are possible and critical, as people follow one another; and 5) group polarization can be both desirable and dangerous, as groups become more heated and more extreme.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS Lottery	FAS Lottery
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS General Education	Ethics and Civics
FAS General Education	Histories, Societies, Individuals
FAS Divisional Distribution	None

General Education 1104

Science and Cooking: From Haute Cuisine to Soft Matter Science (126638)

David Weitz

Pia Sorensen

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Food and cooking are part of your everyday life. Whether you are a skilled chef or a home-cook, what you do in the kitchen is deeply rooted in science. This class brings together top chefs and Harvard scientists to explore how everyday cooking and haute cuisine can illuminate basic principles in physics and chemistry. Throughout the semester you will watch as chefs reveal the secrets behind some of their most famous culinary creations. Inspired by such cooking mastery, we will then explore the science behind the recipes. Students will gain a solid understanding of the properties and fundamental behaviors of soft matter materials. All food is made of soft materials, and cooking relies on many of their fundamental properties. Topics will include: emulsions, illustrated by aioli; elasticity, exemplified by the done-ness of a steak; and diffusion, revealed by the phenomenon of spherification, the culinary technique pioneered by Ferran Adria. The course includes laboratory work where students develop their skills as experimental scientists. Other assignments include weekly homeworks, in-class exercises, and a final project where students explore the science of a culinary topic of their choosing.

Course Notes: **Occasionally there will be an optional 15-30 minute question and answer session with visiting chefs.**

Additional Course Attributes:

Attribute	Value(s)
FAS General Education	Science and Technology in Society
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

General Education 1105

Can We Know Our Past? Archaeology's Dirty Little Secrets (112378)

Rowan Flad

Matt Liebmann

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 90

What happened in the past? How do you know? Even though today we take great pains to document every major event that occurs, more than 99% of human history is not written down. How, then, can we determine with any certainty what people did, let alone thought about, hundreds, thousands, and even millions of years ago? This course addresses these and other fundamental questions: Can we ever really know what happened in the past? If the past is "dead and gone," how do we know what we (think we) know about it? And what is our degree of certainty about the past societies and cultures that historians, archaeologists and others study today? Through hands-on interaction with artifacts, experiments and other analytical methods you will consider how these approaches relate to different "stakeholders" – groups of people whose understanding of themselves is rooted in a connection to history. By the end of this course, you will have a sense of how your knowledge of the seemingly-distant past is, in fact, intimately tied to your experiences in the contemporary world.

Class Notes: **This course was formerly offered as ANTHRO 1010.**

Class Notes: **This course has an enrollment cap and requires that by 11:59 p.m. Thursday, September 5, you use my.harvard to request instructor permission to enroll. If requests to enroll do not exceed available seats, permission to enroll will be granted on Friday, September 6. If interest exceeds available seats, a lottery of those who have requested permission will run on Friday, September 6, and all participants will be notified of the results via Harvard email. For more information, including how to request permission, please see gened.fas.harvard.edu/enrollment or visit the course's Canvas site.**

Additional Course Attributes:

Attribute	Value(s)
FAS General Education	Science and Technology in Society
FAS: Final Assessment Category	Three-hour Exam
FAS General Education	Histories, Societies, Individuals
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

General Education 1106

Why You Hear What You Hear: The Science of Music and Sound (114922)

Eric Heller

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 60

Sound and music are integral parts of all human cultures, and play critical roles in communications and social interactions. In this course, we study the production, transmission, and perception of sound, with the aim of expanding communication, musical, and artistic horizons. The course includes many class demos and hands on tools for students to explore. Psychoacoustics (the study of how we perceive and interpret sound) is a central theme of the course, providing a lens through which we can better understand the generation, propagation, and analysis of sound. Student-selected projects (with staff consultation) are an important part of the course.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS General Education	Science and Technology in Society
FAS Lottery	FAS Lottery

General Education 1107

Energy Bodyworks (212766)

Scot Martin

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** 60

How we conceptualize the universe influences what we can discover and know – and vice versa. The history of the understanding of the human body puts forth an instructive embodiment of this principle. This course explores historical and contemporary thinking about the human body, the most recent paradigm of which is as a machine of interconnected components that function together according to force (N) and energy (J) laws. Course topics include historical thinking, the scientific method, and the human body as a force machine. This machine acts through the forces of muscles, leading to movement such as walking and gait, and it is driven by the interconnected system of lungs, heart, blood, and metabolism. The machine constantly interchanges gravitational, mechanical, and chemical energies to do useful actions. How the machine can and does break down, represented by illness and disease, is considered within this context. The student who graduates from Energy Bodyworks should (i) expect and welcome the evolution in scientific understanding in all matters health and otherwise during the span of a lifetime, (ii) be critically cognizant of the body as a mechanical and chemical machine, and thereby (iii) be positioned as a lifetime steward of the body, both personally for one's own well-being as well as civically for health issues that transect country and globe.

Class Notes: **This course has an enrollment cap and requires that by 11:59 p.m. Thursday, September 5, you use my.harvard to request instructor permission to enroll. If requests to enroll do not exceed available seats, permission to enroll will be granted on Friday, September 6. If interest exceeds available seats, a lottery of those who have requested permission will run on Friday, September 6, and all participants will be notified of the results via Harvard email. For more information, including how to request permission, please see gened.fas.harvard.edu/enrollment or visit the course's Canvas site.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS General Education	Science and Technology in Society
FAS: Course Level	Primarily for Undergraduate Students

General Education 1110

Classical Mythology: The Power of Myth in Antiquity and Today (126004)

Brigitte Libby

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 140

The myths of ancient Greece and Rome embody both our worst nightmares and our most fabulous fantasies. Heroism, happy endings, and everlasting love blend with disturbing themes of parricide, cannibalism, incest, misogyny, and unthinkable violence. The resulting stories have fascinated artists, writers, and thinkers throughout western civilization, and this course will serve as an introduction to this distant but strangely familiar world. We will move from the very first works of Greek literature through the classic Greek tragedies and the Roman tales in Ovid's Metamorphoses. Along the way, we will ask these fundamental questions: What is "mythology"? What can these ancient stories tell us about ourselves as human-beings, and why are they still so resonant thousands of years later? And how does mythology both ancient and modern continue to reflect and shape our world view today? We will use examples from

classical mythology to see how a society can re-remember and revise traditional stories to fit changing cultural circumstances and political ideologies. Our discussions will consider ancient rationalizations of myth, psychoanalytic approaches to myth, the use of myth in politics, and the reception of classical myth in the modern world.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Final Assessment Category	Three-hour Exam
FAS Lottery	FAS Lottery
FAS General Education	Aesthetics and Culture
FAS: Course Level	Primarily for Undergraduate Students

General Education 1112

Prediction: The Past and Present of the Future (212919)

Alyssa Goodman

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 60

Human beings are the only creatures in the animal kingdom properly defined as worriers. We are the only ones who expend tremendous amounts of time, energy, and resources trying (sometimes obsessively) to understand our futures before they happen. While the innate ability of individual people to predict has not changed much in the past few millennia, developments in mathematical and conceptual models have inordinately improved predictive systems. These systems have integrated comparisons to past results and quantified how "certain" we can be about various aspects of the future -- processes that were, in many cases, inconceivable at one point in the past. This course is a coordinated investigation of the history and future of prediction, beginning with Ancient Mesopotamians reading signs in sheep entrails and ending with modern computer simulations for climate, health, wealth, and the fate of our Universe. In this class, you will design your own predictive systems to critically engage with assumptions about how the world works and situate your explorations in a study of how motivations and techniques for divining the future have changed–and not changed–throughout human history.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Lottery	FAS Lottery
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS General Education	Science and Technology in Society

General Education 1113

Race, Gender, and Performance (122277)

Robin Bernstein

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 120

Performance surrounds us. We see performances online, in movies and on TV, on the sports field, in the theatre, in activism, and in everyday life. How do these performances produce or disrupt race and gender? This class provides analytical tools by which to answer this question. Texts include works by Anna Deavere Smith, David Henry Hwang, Bertolt Brecht, Guillermo Gómez-Peña, and Judith Butler; topics include AIDS activism, politics of public bathrooms, and weddings.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS General Education	Aesthetics and Culture
FAS Divisional Distribution	None
FAS General Education	Histories, Societies, Individuals
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Lottery	FAS Lottery

General Education 1114

Painting's Doubt: A Studio Course (212855)

Matt Saunders

2020 Spring (4 Credits) **Schedule:** R 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 72

Painting is an engagement between the self and the world. It is a practice of embodied making, and, as a language outside of words, can think around conditioned understanding. This introductory studio art course proposes learning to paint as a new experience of relating to the world, and through painting we will investigate not only what we have to say, but what we have to see.

Studio assignments in small sections are complemented by weekly lectures, visiting artist presentations, readings and visits to Harvard's collections. The primary materials for this course will be oil on canvas, with some excursions into drawing and work on a paper. No experience is necessary, except a willingness to make a mess.

Class Notes: **Studio sections scheduled for W 9 a.m.-1 p.m., Th 9 a.m.-1 p.m., F 9 a.m.-1 p.m., W 3-7 p.m., Th 3-7 p.m., or F 3-7 p.m. You must be able to attend one of these sections to enroll in the course. If you are granted permission to enroll, you will be able to select your section based on a first-come, first-served process at the time of enrollment.**

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen**

Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.

Additional Course Attributes:

Attribute	Value(s)
FAS General Education	Aesthetics and Culture
FAS: Course Level	Primarily for Undergraduate Students
FAS Lottery	FAS Lottery
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

General Education 1115

Human Trafficking, Slavery and Abolition in the Modern World (214486)

Orlando Patterson

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 250

We often think of slavery as being a dark chapter in our past, but this is a tragic oversimplification. What defines slavery in the modern world, and what are the moral, political and social implications of its continued existence? As we explore its underpinnings, we discover that all of us may be in some way complicit in its survival. This course surveys the nature, types and extent of modern servitude such as transnational and domestic prostitution, forced marriage, labor trafficking and forced domestic labor, child soldiering and other forms of enslavement of children, organ trafficking and other health aspects of trafficking, debt-bondage, and the forced exploitation of other vulnerable groups such as refugees and stateless persons. Throughout the course, but especially in the final part, we examine anti-trafficking and anti-slavery measures and movements and ways in which you can increase awareness or become involved. You will, by the end of our exploration, be able to trace the moral and ethical arguments surrounding human slavery in its various forms, understand the ways in which this problem still affects so many people, and what can and should be done about it.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS General Education	Ethics and Civics
FAS General Education	Histories, Societies, Individuals
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Lottery	FAS Lottery

General Education 1116 Section: 001L

Medical Ethics and History (108405)

David Shumway Jones

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** 250

Students will encounter the ethical dilemmas of medical practice throughout their lives, whether with their own health, or with the health their families and friends. This course will equip them with the tools of moral philosophy so that they can recognize, critique, and craft arguments grounded in appeals to utilitarianism, deontology, or rights. But the course will focus on historical analysis of the debates so that students understand how social, economic, and political contexts have influenced moral reasoning. By clarifying their own thinking in the classroom, students will be better equipped to engage in the debates and contribute to the ongoing efforts by medicine to relieve human suffering.

Class Notes: **This course has an enrollment cap and requires that by 11:59 p.m. Thursday, September 5, you use my.harvard to request instructor permission to enroll. If requests to enroll do not exceed available seats, permission to enroll will be granted on Friday, September 6. If interest exceeds available seats, a lottery of those who have requested permission will run on Friday, September 6, and all participants will be notified of the results via Harvard email. For more information, including how to request permission, please see gened.fas.harvard.edu/enrollment or visit the course's Canvas site.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS: Core Curriculum (old)	Moral Reasoning
FAS: Final Assessment Category	Three-hour Exam
FAS General Education	Ethics and Civics
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS General Education	Histories, Societies, Individuals

General Education 1117

Nature (109030)

Joyce Chaplin

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 250

The planet is in crisis; we live in a state of emergency. Our emergency circumstances encompass a range of daunting environmental problems that make inaction simply not an option. We need to think clearly and calmly about this crisis to craft the best possible solutions. But the kind of clear, calm thought we will need to use requires two kinds of understanding. First, we must think with precision about what nature is, especially in its ethical dimensions. Second, we will need to understand how to deal with the inevitable tradeoffs any solutions to our environmental crises will bring with them. How, in short, is it possible to craft solutions that will be as just as possible, to as many people as possible? And if that justice should extend beyond the human community, to include the nonhuman parts of nature, how will this be accomplished? This class is designed to give you an intellectual, verbal, and ethical toolkit for dealing with the important debates over imperiled natural resources and competing human needs that will only become more urgent as the years go by.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Lottery	FAS Lottery
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS: General Education (old)	Ethical Reasoning
FAS General Education	Ethics and Civics
FAS: Core Curriculum (old)	Moral Reasoning

General Education 1118

The Holocaust (212918)

Kevin Madigan

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Who is responsible for genocide? Through the lens of the Holocaust – perhaps the most-studied genocide of the modern era – we will grapple with the issues of good and evil, blame and responsibility, duty and dissent as they pertain to violence enacted at the personal and state levels. What is the responsibility of "citizens and citizen leaders" in the face of local and global crises brought on by genocide, refugee catastrophes, terror, neo-fascism, etc.? And how do we make meaning out of what seems senseless? The course will address the historical background and context of the Holocaust, competing theories about who was responsible and why, and representations of the Holocaust in film and literature.

Course Notes: **This course is open to undergraduate students only.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS General Education	Histories, Societies, Individuals

General Education 1119

Law, Politics, and Trade Policy: Lessons from East Asia (212842)

Christina Davis

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 250

How do states balance the challenges and opportunities of international markets? Importing ideas and resources while exporting manufactured goods underlies the East Asian growth miracle but also builds conflict with other governments. This course examines the transformative role of trade policy for Japan, Korea, and China. From the "unequal treaties" of the nineteenth century to the World Trade Organization today, trade law binds the interactions between East Asia and the world. Japan grew from an isolated samurai nation to a leading economic power but now confronts stagnating growth. Korea relied on business conglomerates for rapid industrialization and embraced liberalization to steer its way out of financial crisis. China turned to the WTO to anchor domestic economic reforms but now faces U.S. resistance to its export dominance. East Asia offers models of the success and problems that accompany

globalization.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS General Education	Histories, Societies, Individuals
FAS Divisional Distribution	None
FAS Lottery	FAS Lottery

General Education 1120 Section: 001L

The Political Economy of Globalization (107821)

Lawrence H. Summers

Robert Lawrence

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Why is populism becoming pervasive - and is there a revolt against global integration? What is the right balance between national sovereignty and international integration? Is the US equipped to sustain its role as a global leader? How does international trade affect prosperity and inequality? Should we regulate multi-national companies who move their factories to countries with lower labor standards? How should the IMF respond to financial crises in Europe and the developing world? How will the rise of China change the world system? This course uses basic economic logic to illuminate the choices - and trade-offs - faced by governments, international institutions, businesses and citizens as the global economy evolves. Our course is based on the premise that passion without careful reason is dangerous and that reliance on solid analytics and rigorous empirical evidence will lead to a better world. Policy issues are debated in class by the professors and guest speakers, and students will participate in simulated negotiations on Brexit and on the US-China economic relationship, experiencing the issues first hand, as well as illustrating the importance of decisions made by individual actors for the evolution of the global system.

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS General Education	Ethics and Civics
FAS General Education	Histories, Societies, Individuals
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	None

General Education 1121

Economic Justice (159809)

Mathias Risse

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 250

Which is more just: capitalism or socialism? Capitalism has long reigned as the ideological solution to organizing society, yet recent social science literature makes clear that the pursuit of seemingly boundless material gain for some comes at the expense of others. Climate change is increasingly tied to capitalism and industrialization, and the U.S. has seen growing discontent around an ever-widening gap between the richest of the rich and the poorest of the poor. Socialism addresses this wealth gap, but has had a checkered past around the world. So what is the answer? In this course, you will reflect on social justice in industrial societies over the last 250 years and grapple with potential answers to questions of economic justice.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Lottery	FAS Lottery
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Final Assessment Category	Three-hour Exam
FAS General Education	Ethics and Civics

General Education 1123

Islam and Politics in the Modern Middle East (126908)

Malika Zeghal

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Today's news headlines consistently point to the role that religion plays in the political life of Middle Eastern societies. But do these headlines tell the whole story? This course will challenge simplistic explanations of the dominant role of Islam in Middle Eastern politics by putting it in historical perspective. You will explore the genealogy of some of the most important debates about the role of religion in politics: the extent of Middle Eastern states' involvement in religion, the place of religious minorities, whether religious norms should infringe on individual freedoms, and the various political theologies at play in Islamist opposition movements, in liberal conceptions of religion, and in state religious interpretations. At the crux of these vigorous debates is the issue of the meaning of a "Muslim state," an issue that has shaped vibrant discussions and deep political disagreements that you will discover through textual and historical analysis of primary sources. Understanding who were the men and women who participated in these debates over the modern history of the Middle East, what they argued for and against, and the context in which they made their claims will provide you with the historical and textual perspective to make sense of the news headlines about religion and politics in the Middle East.

Course Notes: **Sections offered in English or Arabic.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS General Education	Histories, Societies, Individuals
FAS Divisional Distribution	None

General Education 1128

The Conduct of Life in Western and Eastern Philosophy (122544)

Roberto Mangabeira Unger

Cornel West

2020 Spring (4 Credits) **Schedule:** R 0100 PM - 0259 PM

Instructor Permissions: Instructor **Enrollment Cap:** 250

A study of approaches in the philosophical traditions of the West and the East to the conduct of life. Philosophical ethics has often been understood as meta-ethics: the development of a method of moral inquiry or justification. Here we focus instead on what philosophy has to tell us about the first-order question: How should we live our lives?

Course Notes: **No prerequisites other than a willingness to consider a wide range of problems and materials. Extended take-home examination.**

Offered jointly with the Law School as 2392 and the Divinity School as 2313.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS General Education	Ethics and Civics
FAS Lottery	FAS Lottery
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

General Education 1129

Infectious Diseases and Social Injustice (110382)

Donald Goldmann

Ken McIntosh

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 75

Advances in prevention and treatment of infectious disease have left large segments of the global population behind. This course studies the societal impacts of nine infectious diseases: HIV/AIDS, malaria, plague, polio, cholera, smallpox, yellow fever, syphilis, and tuberculosis. As you trace these diseases through history, you will learn about their epidemiology and how they make people sick, explore their effects on humanity as seen through the lenses of history, literature, film, music, and drama, and grapple with questions about injustice, inequity, and stigmatization. Classes will be highly interactive and include case studies, provocations, role plays, advocacy pitches, a mock trial, debates, and collaborative learning. You will leave this course with a holistic understanding of infection as an issue that requires not only medical and scientific advances, but also societal cures.

Class Notes: **This course has an enrollment cap and requires that by 11:59 p.m. Thursday, September 5, you use my.harvard to request instructor permission to enroll. If requests to enroll do not exceed available seats, permission to enroll will be granted on Friday, September 6. If interest exceeds available seats, a lottery of those who have requested permission will run on Friday, September 6, and all participants will be notified of the results via Harvard email. For more information, including how to request permission, please see gened.fas.harvard.edu/enrollment or visit the course's Canvas site.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS General Education	Science and Technology in Society
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	None

General Education 1131 Section: 001L

Loss (212841)

Kathleen Coleman

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** 120

Loss is an inevitable fact of human existence. Small losses most of us learn to bear with equanimity. But enormous, wrenching, life-changing losses open voids in our lives for which we can never feel adequately prepared, even if we can see them coming. This course tries to understand the nature of loss on a physical and emotional level, to give us some framework for coping with it and to help us develop some empathy in those very difficult situations when someone else has faced a loss and we do not know how to react. Our main focus will be upon the loss of someone "close" to us, through either death or a personality-changing accident or illness ("close" is in quotation marks, because some of these losses may be of public figures whom we have never met personally, but whose loss makes an impact on our entire society). We will compare this form of loss with others, such as loss of country through exile or forced migration and loss of part of oneself through amputation. Our approach will be threefold: we will try to understand the physiological and psychological effects of loss; we will study the rituals that different societies have evolved to mark loss and memorialize the lost; and we will analyze textual, artistic, and musical expressions of loss, chiefly "great works," but also some more humble attempts to record the emotional rupture that loss entails. We will work on a broad canvas, both spatially and chronologically, looking at personal testimonies as various as Cicero's reactions to the death of his adult daughter; the diary of the nineteenth-century Japanese poet, Kobayashi Issa, charting his father's last days; two great twentieth-century authors, C. S. Lewis and Joan Didion, writing about the loss of their life partners; and many others. We will encounter tombstones with simple inscriptions commemorating the death of family pets from the Roman world and set these in the context of scientific research on the human-animal bond, as manifested by both humans and animals reaching the end of their life. We will study prayers for the dead in the major faith traditions, and visit (virtually) the Rothko Chapel in Houston, Texas, to consider the therapeutic effects of the somber walls of its octagonal interior. We will listen to two Requiem Masses, one religious and one secular. We will examine mourning rituals in the Shona culture of Zimbabwe, to see how pre-colonial beliefs and practices have become melded with the religious practices of the colonizers. By the end of the course, which will have ranged far beyond these few examples, we will have gained a deeper understanding of the effects of loss on us both individually and collectively, and of the rituals and therapies that different societies have developed over time to mark and memorialize it.

Class Notes: **This course has an enrollment cap and requires that by 11:59 p.m. Thursday, September 5, you use my.harvard to request instructor permission to enroll. If requests to enroll do not exceed available seats, permission to enroll will be granted on Friday, September 6. If interest exceeds available seats, a lottery of those who have requested permission will run on Friday, September 6, and all participants will be notified of the results via Harvard email. For more information, including how to request permission, please see gened.fas.harvard.edu/enrollment or visit the course's Canvas site.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS General Education	Aesthetics and Culture
FAS: Course Level	Primarily for Undergraduate Students
FAS: Final Assessment Category	Three-hour Exam

General Education 1133

Is the U.S. Civil War Still Being Fought? (128327)

John Stauffer

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 250

Most of us were taught that the Civil War between the Confederacy and the Union was fought on battlefields chiefly in the American South between the years of 1861-1865. In this narrative, the North won and the South lost. But what if the issues that resulted in such devastating bloodshed were never resolved? What if the war never ended? This course demonstrates the ways in which the United States is still fighting the Civil War, arguably THE defining event in U.S. history. In each class, we connect current events to readings and themes in the course, highlighting how and why the war is still being fought. From Nat Turner's slave rebellion in 1831 to the recent riot (or battle) in Charlottesville, we trace how and why the South was in certain respects the victor, even though the Confederacy was destroyed and the Constitution amended. We explore the different kinds of war—ideological, political, cultural, military, and para-military—that placed the unfreedom of blacks—as slaves, serfs, and prisoners—at the center of larger conflicts over federal versus state and local rule, welfare, globalization, and free trade. We analyze the Civil War in literature, art, politics, photography, prints, film, music, poetry, speeches, and history, while also discovering how these cultural forms worked to shape our memory of the event itself. By the end of the course, we will be able to show how and why contemporary U.S. debates are rooted in this defining narrative, and we will better understand the dilemmas the nation faces today.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
FAS General Education	Histories, Societies, Individuals
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Lottery	FAS Lottery
FAS Divisional Distribution	None

General Education 1135

Interracial Encounters in American Literature and Culture (146591)

Ju Yon Kim

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 50

From depictions of exchanges in the early colonial Americas to efforts to envision alternate and imminent futures, this class will examine representations of interracial encounters in U.S. American culture. We will explore how various texts and performances have conceived, embodied, and reimagined the relationships not only among differently racialized groups, but also between race and nation, individual and community, and art and politics. Topics addressed in this course will include narratives of indigeneity, contact, and migration; cross-racial performances and the question of cultural appropriation; political and artistic collaborations; and interracial encounters in a transnational context. Course requirements will include two exams, two papers, and individual and group creative projects.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS Lottery	FAS Lottery
FAS: Course Level	Primarily for Undergraduate Students
FAS General Education	Aesthetics and Culture
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

General Education 1136

Power and Civilization: China (142451)

William Kirby

Peter K. Bol

2019 Fall (4 Credits) **Schedule:** W 0900 AM - 1100 AM

Instructor Permissions: Instructor **Enrollment Cap:** 56

In China today we see a new country built on the bedrock of an ancient civilization. China's re-emergence as a global economic power and political model has deep roots. From Rome to the Romanovs, from Byzantium to the Ottomans, on to the global empires of the West, all the great multiethnic empires of the world have come and gone, while a unitary, multi-national, Chinese empire has endured. The ancient Chinese ideal of a single, unified civilized world has had consequences. It was, and still is, a grand vision: all peoples unified under a single ruler and an integrated social order that finds a place for every person in security and harmony. It created the first centralized bureaucratic state; it institutionalized meritocracy; its economy became the world's greatest market; its philosophies provided models of humane governance; its inventions spread across the globe. And yet in practice it has also been a story of conflict and control, of warring states and competing peoples. We will discuss how the choices China has made in the past bear on the challenges it faces today, when a modern "China model," with ancient roots, competes with the United States for global leadership.

Class Notes: **Course meets every Wednesday and occasional Mondays.**

Class Notes: **This course has an enrollment cap and requires that you use my.harvard to request instructor permission to enroll. If requests to enroll do not exceed available seats, permission to enroll will be granted on the date listed on the course syllabus. If interest exceeds available seats, a lottery of those who have requested permission will determine which students may enroll. For more information, including how to request permission, please visit the course's Canvas site and gened.fas.harvard.edu/enrollment.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS General Education	Histories, Societies, Individuals
FAS Divisional Distribution	None

General Education 1137

The Challenge of Human Induced Climate Change: Transitioning to a Post Fossil Fuel Future (120031)

Michael McElroy

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 250

Human induced climate change has the potential to alter the function of natural ecosystems and the lives of people on a global scale. The prospect lies not in the distant future but is imminent. Our choice is either to act immediately to change the nature of our global energy system (abandon our dependence on fossil fuels) or accept the consequences (included among which are increased incidence of violent storms, fires, floods and droughts, changes in the spatial distribution and properties of critical ecosystems, and rising sea level). The course will be designed to provide students with an understanding of relevant physical, technical and social factors including an historical perspective. In the latter half of the course, the plan will be to engage students in an interactive dialogue on possible responses recognizing explicitly differences in motivations for different constituencies - for developed as distinct from developing economies for example. We plan to explore options for a zero carbon future energy system including the challenges involved in implementing the necessary transition. If we fail to abandon our dependence on fossil fuels - and the time scale over which we must do so to realize even the minimal objectives outlined in the recent Paris climate accord is as brief as a couple of decades or even less – might we need to explore possibilities for geoengineering, for purposeful intervention in the global climate system? Arguments for and against such options will be discussed and debated. We will expect students to be actively involved in exploring, researching and debating responses to any and all of these interrelated issues.

Course Notes: **Students who have taken Science A-52 may not take this course for credit.**

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Recommended Prep: **Students are expected to have a background of high school algebra and trigonometry.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Lottery	FAS Lottery
FAS General Education	Science and Technology in Society
FAS Divisional Distribution	None

General Education 1139 Section: 001L

Politics, the Greatest Art (123834)

Doris Sommer

2019 Fall (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

How does thinking like an artist ignite political change? We explore the question in collaboration with the Institute of Politics at Harvard Kennedy School. Through guest lectures, we update classic readings on the effects of creative interruption. Readings from Aristotle to Habermas will arouse questions and speculations in written assignments. The final project is to design a collaborative creative intervention for a political challenge. An accompanying individual essay traces the development of this intervention with references to cases and readings covered in class. Students can pursue practical work while reflecting on general issues through an engaged learning option. This course will prepare you to recognize and to contribute to political change through unconventional interventions broadly defined as art.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS General Education	Aesthetics and Culture
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

General Education 1142

Martin Luther King, Jr. and the Question of Conscientious Citizenship (207580)

Brandon Terry

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 250

What does it mean to be a conscientious citizen? What are our responsibilities as civic-minded, morally-engaged members of overlapping communities? This course seeks to answer such questions by exploring the ethical, religious, and political thought of arguably the greatest public intellectual and activist that the United States ever produced, Martin Luther King, Jr. In interrogating King's body of public philosophy, as well as its leading critics and interpreters, we will pursue a body of questions that remain essential to thinking through the problems of citizenship in the current age. Students will debate: How should we think about the tensions between conscience and community? How ought we think about the alignment of moral ends with practical and political means (e.g., violence, law, civil disobedience, coercion, revolution, rebellion, etc.)? Is there room for public profession of faith in political discourse or is it a conversation stopper? Lastly, given the persistence of evil and injustice, can suffering in service of justice be redemptive or does such hope simply reify the structures of injustice?

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
FAS General Education	Ethics and Civics
FAS Lottery	FAS Lottery

General Education 1146 Section: 001L

Race and Justice (212856)

Tommie Shelby

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 90

We all agree that racism is wrong. Yet beneath this abstract consensus we find deep disagreements about what to do about it, and even about what racism is. We will address these questions by thinking about some very specific issues, drawing on work in philosophy, law, history, and the social sciences. Is racism best understood as a system of beliefs or social structures? What makes racial discrimination wrongful? Should we seek to discourage hate speech, and if so, should it be regulated by law or through informal social norms? Is a just society colorblind? If so, how should we think about the justice of desegregation, affirmative action and reparations for slavery, all of which aim to use racial categorization to address racism? On the other hand, if a just society need not be colorblind, is it wrong for police departments to use racial profiling where profiling enables them to deploy resources more efficiently? All of these are important questions for us to confront, for the very answers that seem obviously right to some us will seem obviously wrong to others.

This course will require us to probe our convictions about some deeply held beliefs on significant issues. Students will seek out the best arguments that can be marshaled on behalf of their own moral and political views, identify the vulnerabilities of these arguments, and seek to understand those who disagree by considering the strongest arguments for the views they reject. Our understanding of our own values will deepen and may shift in the process. We will emerge from this investigation with a clearer grasp of what racism is, why it is wrong, and what a world without racism might look like.

Class Notes: **This course has an enrollment cap and requires that by 11:59 p.m. Thursday, September 5, you use my.harvard to request instructor permission to enroll. If requests to enroll do not exceed available seats, permission to enroll will be granted on Friday, September 6. If interest exceeds available seats, a lottery of those who have requested permission will run on Friday, September 6, and all participants will be notified of the results via Harvard email. For more information,**

including how to request permission, please see gened.fas.harvard.edu/enrollment or visit the course's Canvas site.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS General Education	Ethics and Civics
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students

General Education 1148

Moctezuma's Mexico, Then and Now: The Past as Present in North America (112754)

Davíd L. Carrasco

William Fash

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course provides students with the opportunity to explore how the study of pre-Hispanic and Colonial Mexican and Latina/o cultures provide vital context for understanding today's changing world. The emphasis is on the mythical and social origins, glory days and political collapse of the Aztec Empire and Maya civilizations as a pivot to the study of the sexual, religious and racial interactions of the Great Encounter between Mesoamerica, Africa, Europe, and the independent nations of Mexico and the United States. The study of the archaeology, artistic media, cosmovision, capital cities, human sacrifice and the religious devotions of ancient Mesoamerica illuminate the Day of the Dead and Virgin of Guadalupe phenomena today. Hands-on work with objects at the Peabody Museum aids in examining new concepts of race, nation and the persistence of Moctezuma's Mexico in Latino identities in the Mexico-US Borderlands. One of the biggest student/museum events at Harvard is the Day of the Dead celebrations at the Peabody Museum, which provides the opportunity for students to work directly with the materiality of the longue duree of Mexico's storied history and evocative worldview. The museum objects and sections exercises provide the students with ways to integrate their classroom work to the collections and public program of the museum, plus experience community both locally and across cultural boundaries and physical borders. This course empowers our students to evaluate the ways the U.S. is changing and struggling to define itself in relation to Latin America and especially the migration of peoples, ideas, arts, music, food from and through Mexico.

Additional Course Attributes:

Attribute	Value(s)
FAS General Education	Histories, Societies, Individuals
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

General Education 1149

One Book, Two Religions, Many Truths (120880)

Shaye Cohen

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 250

The Hebrew Scriptures, what Christians call the "Old Testament" and Jews call the "Bible," are the basis of both Judaism and Christianity, and stand behind many debates in our contemporary culture wars. In this course we shall survey how this work of literature, through interpretation and re-interpretation, spawned and spawns a wide variety of truths. Implicit themes: What is truth? How do we know it when we see it? Can a text written long ago contain truths for contemporary society?

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS Lottery	FAS Lottery
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	None
FAS General Education	Aesthetics and Culture
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

General Education 1150 Section: 001L

Medicine and Conflict: The History and Ethics of Healing in Political Turmoil (212839)

Soha Bayoumi

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

"War is the only proper school for surgeons," the Ancient Greek physician, Hippocrates, is quoted to have said. This saying has been used to show how medicine and war have been thought for millennia to shape each. Medicine has played a major role in situations of political conflict, ever since human societies engaged in war and started elaborating "just war doctrines," that determine how belligerent parties should conduct war, as an attempt to "civilize" war and mitigate its scourges.

Through an investigation of case studies from the modern and contemporary world, this course will examine the role played by medicine in situations of political conflict, as well as the role played by war and humanitarian crises in the history of medical thought and practice. It will explore how medical knowledge and expertise have been deployed in situations of political violence or tumult and will ponder some of the ethical dilemmas faced by medical professionals in those contexts. Covering cases ranging from surgery in the American Civil War to the provision of medical care in the Syrian refugee crisis, some of the themes discussed will include biomedical ethics in armed conflict, torture, trauma, contagion, and medical innovation in conflict contexts.

Additional Course Attributes:

Attribute	Value(s)
FAS General Education	Ethics and Civics
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students

General Education 1152

The Incas and Their Empire (117137)

Gary Urton

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 250

The Incas forged an empire across altitudinal extremes and without writing, markets, and the wheel – all typical components of the standard conception of "empire." How did they do it, and what made their civilization so different from other ancient empires? Did their empire's collapse after the Spanish conquest eliminate the beliefs, values, and institutions at the heart of Inca society, or might the Spaniards have been influenced by the Incas without knowing it? This course will engage you in conversations about empire and influence, power and defeat, contrasting what we know of the Inca Empire with our knowledge of other ancient civilizations, as well as the first global empire of early modern Spain. In addition to lectures, films and discussions, students will explore the cultural world of the Inca Empire through the hands-on study of ancient Peruvian artifacts in the Peabody Museum of Archaeology and Ethnology. Readings will include such texts as T. D'Altroy's, The Incas (2015), on the nature and organization of the Inca Empire, and J. Sharman's Empires of the Weak (2019), arguing against the long-held belief that European military superiority after 1500 was decisive in Europe's global expansion.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Lottery	FAS Lottery
FAS General Education	Histories, Societies, Individuals

General Education 1154

The Science of Happiness (212847)

Jason Mitchell

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 270

Recent research in the cognitive sciences—especially psychology, economics, and neuroscience—has begun to examine the factors that promote personal well-being and happiness. One surprising, but consistent, observation has been that many of the things that are widely believed to be crucial for our happiness—wealth, material possessions, "not missing out", even good grades—not only fail to make many people happy but can actively undermine the sense of well-being. The course begins by introducing some misconceptions that many people might have about what makes for a satisfying life. We will then examine the psychological biases and other mental quirks of our mind that make it hard for us to identify what actually makes us happy, and we will then discuss what recent research reveals about factors that promote happiness. Importantly, throughout the course, students will be invited to apply these strategies in everyday life. In other words, we will both discuss what new results in cognitive science suggest to anyone interested in better understanding the factors that promote happiness, and also actively put these scientific findings into practice. Along the way, we will review historical and cross-cultural views on the meaning of "happiness", discuss the limitations of scientific approaches to the topic, and identify aspects of modern life (especially modern life at Harvard) that make it difficult to develop habits that support happiness. Finally, we will also discuss how to apply the new science of happiness beyond our own lives to improve our communities and our planet too.

Class Notes: **This course has an enrollment cap and requires that by 11:59 p.m. Thursday, September 5, you use my.harvard to request instructor permission to enroll. If requests to enroll do not exceed available seats, permission to enroll will be granted on Friday, September 6. If interest exceeds available seats, a lottery of those who have requested permission will run on Friday, September 6, and all participants will be notified of the results via Harvard email. For more information, including how to request permission, please see gened.fas.harvard.edu/enrollment or visit the course's Canvas site.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS General Education	Science and Technology in Society
FAS: Course Level	Primarily for Undergraduate Students
FAS: Final Assessment Category	Three-hour Exam

General Education 1155 Section: 001L

Literatures of Decolonization (212883)

Annette Lienau

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** 60

The first Asia-Africa conference of newly independent states (held in Indonesia in 1955) was hailed by contemporary observers as an event as significant as the European renaissance in global importance. It inspired a sequence of political and cultural initiatives (including several African-Asian writers' conferences) in pursuit of new forms of cultural exchange and political brokering unmediated by former colonial centers. This course explores the historic tensions of this transition towards a post-colonial global order across two continents. It takes as its point of departure historic notions of African-Asian political and cultural solidarity to explore important questions about counter-imperial forms of autonomy and anti-colonial practices of lateral alliance and cultural exchange. Moving through a range of literary texts and historical documents that mark this historical transition and its internal tensions, the course invites you to engage with the comparative legacies of African-Asian independence movements and solidarity initiatives as they rose to international circuits of recognition, with implications for enduring cultural debates across the Global South.
To the extent that 20th century African-Asian independence movements were considered by many authors in the mid- to late- twentieth century to be politically ambiguous and perennially incomplete, the course more specifically raises the following questions: how did several influential, anti-colonial African and Asian authors and political figures consider the fields of culture and literature to be an extension of their own political engagements? How were the fields of literature and culture comparatively viewed as a way of advancing (anti-colonial) forms of revolutionary change, or of addressing entrenched social grievances and enduring global inequalities? How did writers in the wake of anti-colonial movements reconcile the ambiguities of national independence with the risks of neo-colonial or ethno-nationalist exploitations—at times pursued in the name of lateral solidarities and liberation? And how would counter-colonial efforts to develop transregional, African and Asian forms of cultural exchange contend with the paradox that their "common ground" or shared purpose both derived from and sought to transcend a colonial past?
Readings for the course will include Richard Wright's The Color Curtain, an iconic account of the first Asian-African conference of independent states, on the cultural commonalities and uneven temporalities of African-Asian independence movements; theoretical texts on the cultural ambiguities of anti-colonial nationalisms (such as Fanon's The Wretched of the Earth); and essays by major anti-colonial, political figures such as Sukarno, Nasser, Nkrumah, and Senghor. Literary texts will include revolutionary poetry

and prose works, from examples of the "strike novel" to writing that challenged the post-revolutionary emergence of dictatorial regimes and cultural censors across both continents. Course assignments will include three analytical papers.

Class Notes: **This course has an enrollment cap and requires that you use my.harvard to request instructor permission to enroll. If requests to enroll do not exceed available seats, permission to enroll will be granted on the date listed on the course syllabus. If interest exceeds available seats, a lottery of those who have requested permission will determine which students may enroll. For more information, including how to request permission, please visit the course's Canvas site and gened.fas.harvard.edu/enrollment.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS General Education	Aesthetics and Culture
FAS Divisional Distribution	None

General Education 1158

Water and the Environment (213406)

Kaighin McColl

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 50

What do landslides in Brazil, droughts in California, mass migration in Syria and the collapse of Mayan civilization all have in common? Water. This course introduces students to the terrestrial water cycle: how it works, how humans manipulate it, and how it manipulates us. Students will learn about the major components of the terrestrial water cycle, including precipitation, evapotranspiration, runoff and streamflow, and saturated and unsaturated subsurface flow. We will also learn about the causes and consequences of natural hazards associated with the water cycle -- including floods, landslides and droughts – and examine several case studies, with a focus on human impacts. The course will consider how the water cycle has contributed to the demise of past civilizations, and explore implications for modern society in a warming world.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Additional Course Attributes:

Attribute	Value(s)
FAS General Education	Science and Technology in Society
FAS Lottery	FAS Lottery
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

General Education 1159

American Capitalism (125496)

Sven Beckert

2020 Spring (4 Credits)		**Schedule:**	TR 1200 PM - 0115 PM
Instructor Permissions:	Instructor	**Enrollment Cap:**	250

How did capitalism emerge, expand and transform daily life in North America over the past 500 years? In this course, students will gain an in-depth understanding of how North America turned from a minor outpost of the Atlantic economy into the powerhouse of the world economy, how Americans built a capitalist economy and how that capitalism, in turn, changed every aspect of their lives. In the process, they will come to understand how contemporary capitalism is the result of centuries of human engagement, struggle, and aspirations. Topics range from the structure of Native-American economies to the economic consequences of the Civil War; from the impact of capitalism on gender relations to the changing structures of American businesses; and from the position of the United States in the world economy to the role of the government in channeling economic development. Boston merchants and Georgia sharecroppers, enslaved cotton growers and reforming statesmen, workers at the Ford assembly line and Silicon Valley entrepreneurs will all appear in the story. The course will put particular emphasis on the global context of American economic development and situate it deeply in political and social changes. Ultimately, students will gain an understanding of how the contemporary capitalism that so powerfully shapes all of our lives has emerged over the course of several centuries, and how the tools to understand the history of American capitalism can be applied to understanding our contemporary situation. Assignments in particular will encourage students to think about contemporary problems from historical perspectives.

Class Notes: **Beginning in Spring 2020, there is a new enrollment process for all Gen Ed courses. See https://gened.fas.harvard.edu/enrollment for more information and detailed instructions.**

Requirements: **Anti-req: Cannot be taken for credit if HS B-49 already complete**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS General Education	Histories, Societies, Individuals
FAS Divisional Distribution	None
FAS Lottery	FAS Lottery

Germanic Languages and Literatures

Subject: Scandinavian

Scandinavian 55 Section: 1

One Hundred Years of Scandinavian Cinema (159715)

Agnes Broome

2020 Spring (4 Credits)

Schedule: M 1200 PM - 0245 PM
W 1200 PM - 0115 PM

Instructor Permissions: None

Enrollment Cap: n/a

This course explores Scandinavian cinema from the pioneers of the silent era to the globally successful hit films of the present day. Students will trace the development of Scandinavian cinema through the films of directors such as Viktor Sjöström, Carl Th. Dreyer, Lars von Trier, Ingmar Bergman and Lukas Moodysson and discover the profound influence the region's films have had, and continue to have, on filmmaking in America and the world.

Course Notes: **Conducted in English.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Scandinavian 90R

Scandinavian Language Tutorial (126651)

Agnes Broome

2020 Spring (4 Credits)

Schedule: TBD

Instructor Permissions: Instructor

Enrollment Cap: n/a

Individualized study of a Scandinavian language at the elementary, intermediate and advanced levels. Contact hours with language coach. Emphasis on literacy. Any language not listed as a course is taught under this number.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Danish
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Primarily for Undergraduate Students

Scandinavian 90R

Scandinavian Language Tutorial (126651)

Agnes Broome

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individualized study of a Scandinavian language at the elementary, intermediate and advanced levels. Contact hours with language coach. Emphasis on literacy. Any language not listed as a course is taught under this number.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Scandinavian 90R.A

Danish (126647)

Agnes Broome

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individualized study of Danish at the elementary, intermediate and advanced levels. Contact hours with language coach. Emphasis on literacy.

Topic: **Beginning Danish**

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Danish
FAS Course Roll	FAS Course Roll

Scandinavian 90R.A

Danish (126647)

Agnes Broome

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individualized study of Danish at the elementary, intermediate and advanced levels. Contact hours with language coach. Emphasis on literacy.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Danish
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students

Scandinavian 90R.A Section: 002

Danish (126647)

Agnes Broome

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individualized study of Danish at the elementary, intermediate and advanced levels. Contact hours with language coach. Emphasis on literacy.

Topic: **Intermediate Danish**

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Danish
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Scandinavian 90R.A Section: 003

Danish (126647)

Agnes Broome

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individualized study of Danish at the elementary, intermediate and advanced levels. Contact hours with language coach. Emphasis on literacy.

Topic: **Advanced Danish**

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Danish
FAS Course Roll	FAS Course Roll

Scandinavian 90R.B

Finnish (126649)

Agnes Broome

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individualized study of Finnish at the elementary, intermediate, and advanced levels. Contact hours with a language coach. Emphasis on literacy.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Finnish
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Scandinavian 90R.B

Finnish (126649)

Agnes Broome

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individualized study of Finnish at the elementary, intermediate, and advanced levels. Contact hours with a language coach. Emphasis on literacy.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Finnish

Scandinavian 90R.C

Norwegian (126650)

Agnes Broome

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individualized study of Norwegian at the elementary, intermediate and advanced levels. Contact hours with language coach. Emphasis on literacy.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Norwegian
All: Cross Reg Availability	Available for Harvard Cross Registration

Scandinavian 90R.C

Norwegian (126650)

Agnes Broome

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individualized study of Norwegian at the elementary, intermediate and advanced levels. Contact hours with language coach. Emphasis on literacy.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Norwegian
FAS: Course Level	Primarily for Undergraduate Students

Scandinavian 91R

Supervised Reading and Research (121036)

Agnes Broome

2020 Spring (4 Credits) **Schedule:** TBD
TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Advanced reading in topics not covered in regular courses.

Course Notes: **Permission of the Director of Undergraduate Studies for Scandinavian required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Swedish
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Scandinavian 91R

Supervised Reading and Research (121036)

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0115 PM
T 1200 PM - 0115 PM
M 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Advanced reading in topics not covered in regular courses.

Course Notes: **Permission of the Director of Undergraduate Studies for Scandinavian required.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Swedish

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Scandinavian 97

Tutorial - Sophomore Year (110857)

Agnes Broome

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Group or individual tutorial designed to supplement course work and acquaint students with appropriate analytical methods.

Course Notes: **Open to concentrators in the Scandinavian option. Permission of the Director of Undergraduate Studies for Scandinavian required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Scandinavian 97

Tutorial - Sophomore Year (110857)

Agnes Broome

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Group or individual tutorial designed to supplement course work and acquaint students with appropriate analytical methods.

Course Notes: **Open to concentrators in the Scandinavian option. Permission of the Director of Undergraduate Studies for Scandinavian required.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Scandinavian 98

Tutorial - Junior Year (113773)

Agnes Broome

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Group or individual tutorial designed to supplement course work and to develop analytical techniques.

Course Notes: **Open to concentrators in the Scandinavian option. Permission of the Director of Undergraduate Studies for Scandinavian required.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Scandinavian 98

Tutorial - Junior Year (113773)

Agnes Broome

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Group or individual tutorial designed to supplement course work and to develop analytical techniques.

Course Notes: **Permission of the Director of Undergraduate Studies for Scandinavian required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Scandinavian 99A

Tutorial - Senior Year (116426)

Agnes Broome

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Open to concentrators writing an honors thesis under faculty supervision. Students are expected to enroll for the entire year. Part one of a two part series.

Course Notes: **Permission of the Director of Undergraduate Studies for Scandinavian required.**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course

FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Arts and Humanities

Scandinavian 99B

Tutorial - Senior Year (159851)

Agnes Broome

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Open to concentrators writing an honors thesis under faculty supervision. Students are expected to enroll for the entire year. Part two of a two part series.

Course Notes: **Permission of the Director of Undergraduate Studies for Scandinavian required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
Full Year Course	Divisible Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Scandinavian 150R Section: 1

The Vikings and the Nordic Heroic Tradition (122444)

Stephen Mitchell

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** 36

Examines the historical events in Europe A.D. 800 to A.D. 1100, and the resulting heroic legacy in medieval poetry and Icelandic sagas. The course focuses on Viking Age figures as warriors, kings, poets, outlaws and adventurers; pre-Christian religion, the Viking raids and the Norse experience in "Vinland" carefully considered.

Course Notes: **All readings and discussions in English. May be repeated for credit with the permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students

Scandinavian 191R

Supervised Reading and Research (122039)

Agnes Broome

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Advanced readings in topics not covered in regular courses.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Scandinavian 191R

Supervised Reading and Research (122039)

Stephen Mitchell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Advanced readings in topics not covered in regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Scandinavian 300

Special Reading Programs and Research Problems for Advanced Students (131310)

Stephen Mitchell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Scandinavian 300

Special Reading Programs and Research Problems for Advanced Students (131310)

Stephen Mitchell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Subject: German

German AX Section: 1

German for Reading Knowledge (120599)

Lisa Parkes

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Development of reading proficiency for students with little or no knowledge of German. Emphasizes translation of academic German prose into English.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	German
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

German 10A Section: 1

Beginning German (113802)

Lisa Parkes

2019 Fall (4 Credits) **Schedule:** MTWR 0900 AM - 1000 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to German language and culture for students with no knowledge of the language. Students develop basic communication competencies (spoken and written), with an emphasis on interpersonal communication. Instruction is supplemented by a variety of texts, including poetry, songs, and visual media. The first half of this course may not be taken as a half course for credit toward the AB degree; there are no exceptions to this rule.

Course Notes: **May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students must complete both terms of this course (parts A and B) in order to receive credit.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	German
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	None
Full Year Course	Indivisible Course
FAS Course Roll	FAS Course Roll

German 10A Section: 2

Beginning German (113802)

Lisa Parkes

2019 Fall (4 Credits) **Schedule:** MTWR 0900 AM - 1000 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to German language and culture for students with no knowledge of the language. Students develop basic communication competencies (spoken and written), with an emphasis on interpersonal communication. Instruction is supplemented by a variety of texts, including poetry, songs, and visual media. The first half of this course may not be taken as a half course for credit toward the AB degree; there are no exceptions to this rule.

Course Notes: **May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students must complete both terms of this course (parts A and B) in order to receive credit.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	German
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Indivisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam

German 10A Section: 3

Beginning German (113802)

Lisa Parkes

2019 Fall (4 Credits) **Schedule:** MTWR 1030 AM - 1130 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to German language and culture for students with no knowledge of the language. Students develop basic communication competencies (spoken and written), with an emphasis on interpersonal communication. Instruction is supplemented by a variety of texts, including poetry, songs, and visual

media. The first half of this course may not be taken as a half course for credit toward the AB degree; there are no exceptions to this rule.

Course Notes: **May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students must complete both terms of this course (parts A and B) in order to receive credit.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Indivisible Course
FAS: Meets Foreign Lang Req	German
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

German 10A Section: 4

Beginning German (113802)

Lisa Parkes

2019 Fall (4 Credits) **Schedule:** MTWR 1200 PM - 0100 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to German language and culture for students with no knowledge of the language. Students develop basic communication competencies (spoken and written), with an emphasis on interpersonal communication. Instruction is supplemented by a variety of texts, including poetry, songs, and visual media. The first half of this course may not be taken as a half course for credit toward the AB degree; there are no exceptions to this rule.

Course Notes: **May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students must complete both terms of this course (parts A and B) in order to receive credit.**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Indivisible Course
FAS: Meets Foreign Lang Req	German
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam

German 10AB

Beginning German (Intensive) (124093)

Lisa Parkes

2019 Fall (8 Credits) **Schedule:** F 0900 AM - 1100 AM
MTWR 0900 AM - 1000 AM

Instructor Permissions: None **Enrollment Cap:** n/a

A complete first-year course in one term for students with little or no knowledge of German. Provides an introduction to language and culture of the German-speaking countries. Students develop basic communication competencies (spoken and written), and will be able to understand and use high-frequency vocabulary and basic grammatical structures. Instruction is supplemented by a variety of texts, including poetry, songs, and visual media.

Course Notes: **May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students must complete both terms of this course (parts A and B) in order to receive credit.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	German
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

German 10AB

Beginning German (Intensive) (124093)

Lisa Parkes

2020 Spring (8 Credits) **Schedule:** F 0900 AM - 1100 AM
MTWR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

A complete first-year course in one term for students with little or no knowledge of German. Provides an introduction to language and culture of the German-speaking countries. Students develop basic communication competencies (spoken and written), and will be able to understand and use high-frequency vocabulary and basic grammatical structures. Instruction is supplemented by a variety of texts, including poetry, songs, and visual media.

Course Notes: **May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students must complete both terms of this course (parts A and B) in order to receive credit.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	German
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students

German 10B Section: 1

Beginning German (159805)

Lisa Parkes

2020 Spring (4 Credits) **Schedule:** MTWR 0900 AM - 1000 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to German language and culture designed for students with little or no knowledge of the language. Encompasses all four skills: speaking, listening, reading, and writing. Class sessions emphasize the development of oral proficiency. Instruction is supplemented by literary and non-literary texts, videos, and Internet activities. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
Full Year Course	Indivisible Course
FAS: Meets Foreign Lang Req	German
Course Search Attributes	Display Only in Course Search

German 10B Section: 2

Beginning German (159805)

Lisa Parkes

2020 Spring (4 Credits) **Schedule:** MTWR 1030 AM - 1130 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to German language and culture designed for students with little or no knowledge of the language. Encompasses all four skills: speaking, listening, reading, and writing. Class sessions emphasize the development of oral proficiency. Instruction is supplemented by literary and non-literary texts, videos, and Internet activities. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Indivisible Course
Course Search Attributes	Display Only in Course Search
FAS: Meets Foreign Lang Req	German
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

German 10B Section: 3

Beginning German (159805)

Lisa Parkes

2020 Spring (4 Credits) **Schedule:** MTWR 1200 PM - 0100 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to German language and culture designed for students with little or no knowledge of the language. Encompasses all four skills: speaking, listening, reading, and writing. Class sessions emphasize the development of oral proficiency. Instruction is supplemented by literary and non-literary texts, videos, and Internet activities. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Indivisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
Course Search Attributes	Display Only in Course Search
FAS: Meets Foreign Lang Req	German

German 20A

Intermediate German (112920)

Lisa Parkes

2019 Fall (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This third-semester language course offers a thorough review and practice of grammar and an expansion of vocabulary. Focus on enhancing students' communicative competencies in all four skill areas. Introduction to various cultural topics of the German-speaking countries through the use of literary and non-literary texts, current news, and contemporary film.

Course Notes: **Conducted in German. Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
HCOL: Foreign Lang Citation	German
FAS: Meets Foreign Lang Req	German

German 20A Section: 002

Intermediate German (112920)

Lisa Parkes

2019 Fall (4 Credits) **Schedule:** MWF 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This third-semester language course offers a thorough review and practice of grammar and an expansion of vocabulary. Focus on enhancing students' communicative competencies in all four skill areas. Introduction to various cultural topics of the German-speaking countries through the use of literary and

non-literary texts, current news, and contemporary film.

Course Notes: **Conducted in German. Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
HCOL: Foreign Lang Citation	German
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	German

German 20AB

Intermediate German (Intensive): Speaking, Listening Comprehension, Reading, and Writing (122029)

Lisa Parkes

2019 Fall (8 Credits) **Schedule:** F 0900 AM - 1100 AM
MTWR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

A complete second-year course in one term for students with a basic knowledge of German. Focuses on enhancing students' proficiency in all four skill areas with special emphasis on speaking/discussion. Extensive vocabulary-building exercises, a thorough grammar review, and an introduction to various cultural topics of the German-speaking countries through the use of literary and non-literary texts, Internet, multimedia resources, and film.

Course Notes: **Conducted in German. May not be taken Pass/Fail. Not open to auditors.**

Recommended Prep: **German A, German Bab, a score of 450 or above on the Harvard placement test, or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	German
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	German
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

German 20AB

Intermediate German (Intensive) (122029)

Lisa Parkes

2020 Spring (8 Credits) **Schedule:** F 0900 AM - 1100 AM
MTWR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

A complete second-year course in one term for students with basic knowledge of German. Focus on enhancing students' communicative competencies in all four skill areas. Introduction to various cultural topics of the German-speaking countries through the use of literary and non-literary texts, current news, and contemporary film.

Course Notes: **Conducted in German. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors.**

Recommended Prep: **German 10a, German 10ab (Formerly German A, B, ab), a score of 450 or above on the Harvard placement test, or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	German
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	German
FAS Course Roll	FAS Course Roll

German 20B

Intermediate German: Speaking, Listening Comprehension, Reading, and Writing (111796)

Lisa Parkes

2019 Fall (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of German Ca. Discussion materials include literary and non-literary texts and film. Emphasis on speaking proficiency and on strengthening writing skills. Course includes a review of selected grammatical structures and exercises in vocabulary building.

Course Notes: **Conducted in German. May not be taken Pass/Fail. Not open to auditors.**
Prerequisite: German Ca or permission of the instructor.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
HCOL: Foreign Lang Citation	German
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	German

German 20B

Intermediate German (111796)

Lisa Parkes

2020 Spring (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This second-semester intermediate course is a continuation of 20a. Further review and practice of grammar and expansion of vocabulary. Focus on enhancing students' communicative competencies. Introduction to various cultural topics of the German-speaking countries through the use of literary and non-literary texts, current news, and contemporary film.

Course Notes: **Conducted in German. May not be taken Pass/Fail. Not open to auditors.**
Prerequisite: German 20a or permission of the instructor.

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	German
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	German

German 61

Advanced Grammar and Reading (122031)

Peter Burgard

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Prerequisite to true fluency in German. Advanced language instruction through systematic study of the rules of grammar, their nuances, and their exceptions. Application of this knowledge through the meticulous reading and parsing of selections from sophisticated texts (Goethe, Kant, Kleist), as well as an entire Nietzsche essay and Thomas Mann story, prepares students for courses and any work requiring advanced German reading comprehension.

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Course Notes: **Conducted in German. Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	German
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	German
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

German 63 Section: 1

Germany and Europe: Heimat, Exile, Return (160494)

Nadine Schwakopf

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course discusses 20th and 21st Century German culture and poetics in dialogue and dispute with its European neighbors. Particular emphasis will be put on the effect of history on contemporary political, cultural and historical issues. How did the rest of Europe react to the German unification? How does Germany relate to its „Gastarbeiter" today? This course is designed to provide students with the ability to gain insights into how personal and collective identity is constructed and problematized through art and culture. In this interdisciplinary course we will work with a variety of written genre (poetry, short stories, plays, essays, journalistic non-fiction), as well as visual art, architecture, and film. We will take a cultural studies approach to understanding how to read effectively and interpret textual and visual materials. Conducted in German.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	German
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	German

German 65 Section: 1

German Drama and Theater: Brecht and Beyond (207676)

Lisa Parkes

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0100 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Close reading, analysis, and full production of a play in German. The first part provides an introduction to a small selection of dramas, dramatic theory, the vocabulary of theater, as well as intensive pronunciation practice. The second part focuses on the rehearsal and production of a German play. Students participate on stage and collaborate on different aspects of the production, including costumes, set, sound, and program. Two performances take place at the end of term. Conducted in German.

Course Notes: **Conducted in German. Class meets for one hour twice weekly during weeks 1-5; the remaining weeks are reserved for two-hour rehearsals at the scheduled time.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

German 90R

Germanic Language Tutorial: Dutch (109271)

Lisa Parkes

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Individualized study of a Germanic language not ordinarily taught. Contact hours with language tutor. Emphasis on literacy.

Course Notes: **Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Dutch

German 90R Section: 1

Germanic Language Tutorial: Dutch (109271)

Lisa Parkes

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individualized study of a Germanic language not ordinarily taught. Contact hours with language tutor. Emphasis on literacy.

Course Notes: **Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Dutch
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

German 91R

Supervised Reading and Research (108705)

Lisa Parkes

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Advanced reading in topics not covered in regular courses.

Course Notes: **Permission of the Director of Undergraduate Studies is required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

FAS Divisional Distribution	Arts and Humanities

German 91R

Supervised Reading and Research (108705)

Lisa Parkes

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Advanced reading in topics not covered in regular courses.

Course Notes: **Permission of the Director of Undergraduate Studies is required.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

German 99A

Tutorial - Senior Year (112841)

Lisa Parkes

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Open to concentrators writing an honors thesis under faculty supervision. Students are expected to enroll for the entire year. Permission of the Director of Undergraduate Studies is required. Part one of a two-part series.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
Full Year Course	Divisible Course
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

German 99B

Tutorial - Senior Year (159804)

Lisa Parkes

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Open to concentrators writing an honors thesis under faculty supervision. Students are expected to enroll for the entire year. Permission of the Director of Undergraduate Studies is required. Part two of a two-part

series.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
Full Year Course	Divisible Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Arts and Humanities

German 101

German Literature, Culture, and Society (159603)

Nadine Schwakopf

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course examines the major social-political trends and tensions that have informed literature and culture in the German-speaking countries. Students will develop the language skills to discuss, analyze, and interpret a variety of texts and cultural phenomena from the 18th to the 21st centuries, with special attention to social theory and political critique. Our readings and discussions are organized around pairs of thinkers who address the same issues from a different time, place, angle, or genre. Further emphasis is placed on the history of ideas and how it contributes to current issues and debates. Paired readings may include Kant and Kleist, Freud and Kafka, Benjamin and Brecht, Böll and Celan, Seghers and Wolf.

Course Notes: **Readings and discussion in German.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

German 102

German Literature, Art, and Thought (159710)

Nadine Schwakopf

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course explores the major trends and tensions that have informed German literature, art and thought from the 18th to the 21st centuries. In addition to developing the language skills to discuss, analyze and interpret literature, students will explore the rich cultural tradition in the German-speaking countries and its continued relevance for the world.
Topics include: Enlightenment; Dark Romanticism or the German Gothic; decadence; media revolution 1900; Third Reich; GDR surveillance; Cold War; German reunification; remembering the Holocaust/ memory politics; rise of right-wing populism (AfD); ecological revolution. Figures include: Lessing, Goethe, Schiller, Wagner, Nietzsche, Freud, Einstein, Brecht, Celan, Dürrenmatt, Wolf, Draesner, Horn.

Note: Readings and discussions in German.

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	German
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	German
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

German 108 Section: 1

Introduction to the History of the Modern Self: Meister Eckhart and His Successors (213620)

Benjamin Morgan

2019 Fall (4 Credits) **Schedule:** F 0945 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will be equally accessible to students in philosophy, religious studies, German or comparative literature (all texts will be available in translation). It will offer an introduction to the thought of the medieval mystic and philosopher Meister Eckhart, and explore how Eckhart's writing allows us to re-think how we write the history of the modern Western self. Eckhart is often credited with having first forged the language of German philosophy. The focus of the course will be the 12 sermons included in the Reclam selection of his writings (translations will also be provided). Comparisons with Aristotle's 'De anima' and Augustine's 'Confessions,' both of which shaped Eckhart's thinking, will help us consider how questions of embodiment and questions of narrative alter the way we think about forms of selfhood. Eckhart's use of gendered images will be contrasted with that of a late medieval woman mystic, Julian of Norwich. Eckhart' s thought will be compared with that of Luther's, before we move on to explore how Eckhart's approach allows us to re-read major modern thinkers, such as Schelling, Nietzsche, Heidegger, Arendt and Daniel Dennett. By the end of the course students will have a firm grasp of key elements of Eckhart's thinking. The course will also show how his thought can productively renew how we think about questions of selfhood and personal identity.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

German 111 Section: 1

Translating German: Theory and Practice (215682)

Lisa Parkes

2020 Spring (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This seminar introduces the methodology, theory, and practice of translating German into English. By working through the fundamental issues, strategies, and ethical responsibilities of the translator, students will encounter the delights and dilemmas of mediating between two different languages and cultures.

Workshops address literary, scientific, technical, media- and consumer-orientated texts, while refining advanced language skills. Special attention is given to the many challenges of translation, such as literal and connotative meaning, semantic and cultural distinctions, humor, dialect, style, social and tonal registers, literary devices, as well as subtitling, and machine translation.

Course Notes: **Note: Conducted in English.**

Recommended Prep: **Prerequisite: Advanced German (60-level) or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

German 143

German Empires 1848-1948 (203214)

Alison Frank Johnson

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course examines the history of Germans in Europe and elsewhere, starting with the revolutions of 1848 and ending with the separation of Austria, West Germany, and East Germany following the Second World War. We will consider multiple different visions of what "Germany" should be, what borders it should have, and who should be considered "German."

Course Notes: **This course is also offered through the History Department as History 1265. Credit may be earned for either German 143 or History 1265, but not both.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

German 153 Section: 1

Postwall German Cinema (213433)

Eric Rentschler

2020 Spring (4 Credits) **Schedule:** M 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Filmmakers from the Federal Republic of Germany like Rainer Werner Fassbinder, Werner Herzog, and Wim Wenders would become internationally prominent during the 1970s and lauded for their formal experimentation, stylistic allure, and political outspokenness. What happened, though, after the demise of the so-called New German Cinema in the early eighties and the fall of the wall in 1989? This class will focus

on postwall German cinema and discuss a rich sampling of features from a very seismic and eventful decade, the 1990s. Our weekly sessions will probe the textual idiosyncrasies of representative films as well as their socio-political determinations. We will look at mainstream offerings as well as arthouse entries, probing commercial features that seek to optimize their popular appeal as well as more ambitious works that speak out, act out, and take exception. In this way, we will gain an appreciation for the variety of voices within the media ecology of this national cinema, its hearty blend of affirmation, dissent, and diversity. This course will seek to foster students' ability both to fathom the formal workings and historical meanings of films as well as to enhance their analytical capacities and critical skills.

Course Notes: **This course is equivalent to AFVS 188G. Credit may be earned for German 153 or AFVS 188G, but not both.**

No previous course work in film studies nor any knowledge of German is required or presumed.

Class Notes: **This course has mandatory film screenings on Fridays from 12:45-3:15.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

German 171 Section: 1

Katastrophe Erzählen (213378)

Cornelia Zumbusch

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

In dramatic theory »katastrophe« means the moment when a sequence of events changes from bad to good (comedy) or from good to bad (tragedy). Around 1800, the German word »Katastrophe« comes to denote sudden events with serious consequences such as earthquakes, storms, floods or volcanic eruptions. Narration plays an important part in interpreting these natural phenomena as »Katastrophen«. The seminar will focus on the novella as a genre especially apt to represent and imagine incidents as disasters. Starting with a broad overview on narratives like the Great Deluge as well as pictorial representations of natural disasters, the main focus will be on texts by Kleist, Goethe, Stifter, Storm and Frisch.

Course Notes: **Readings and discussions will be in German.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

German 180 Section: 1

Bargaining with the Devil: the Faust Legend (205080)

John T. Hamilton

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Seduction and transgression, forbidden knowledge and the insatiable lust for learning, the limits of cognition, human will, and the problem of evil – these are the central themes that circulate through the legend of Faust, who is said to have exchanged his immortal soul for infinite wisdom and power. The seminar examines the elaboration and complication of this legend across the centuries and its formative role in the development of European literature and philosophy. In addition to studying Goethe's masterwork, the seminar includes analyses of related works in European literature, music, and the visual arts, all with reference to shifting historical contexts and philosophical reflections.

Course Notes: **All readings are available in English.**
Offered jointly with the Comparative Literature Department as Comp. Lit. 180. Credit may be earned for Comp. Lit. 180 or German 180, but not both.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

German 210 Section: 1

Baroque (144773)

Peter Burgard

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

European Baroque art and German Baroque literature. Revolutions of excess and devolutions of system in architecture, painting, sculpture, poetry, drama, narrative.

Course Notes: **Readings in German, discussions in English.**
Qualified undergraduates welcome.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

German 222 Section: 1

Schelling, Goethe, and Dorothea and Friedrich Schlegel c. 1809: A Genealogy of the Present (213610)

Benjamin Morgan

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will be equally accessible to students in philosophy, German or comparative literature (all texts will be available in translation). The main focus is Schelling's treatise on freedom and Goethe's 'Elective Affinities', both published in 1809, unpacking the dark, dynamic view they have of nature, and the implications this has for current debates (new materialisms, enactivism). Schelling's treatise was published with a selection, by Schelling, of four other essays (first published 1795-1807) that are his attempt to reframe an understanding of philosophy, physics and aesthetics contra Kant and Hegel. The volume thus opens up a view on a cultural history that didn't happen (after Schelling had published these texts together under the title 'Philosophical Writings' volume 1, he didn't publish another major text), but which helps us re-imagine our own cultural inheritance. Over the 12 sessions, we will start by reading Schelling's 1809 treatise, excerpts from Spinoza, the 1807 lecture on art Schelling included in the 1809 volume, and selections from Friedrich Schlegel, whose book on Indian language and literature (1808) was understood by Schelling to be the one main rival position, i.e. Schelling oriented his new account of a dynamic nature with/against an historically informed hermeneutics. Dorothea Schlegel's novel 'Florentin' (1801) will then be studied as a contrasting attempt to come to grips with the present moment, preparing the way the way for a clearer understanding of the path Schelling hoped to embark on, which we will contextualise by a contrast with the preface from Hegel's 'Phenomenology of Spirit' (1807). Having characterized Schelling's project of 1809, the course will explore its implications for literature. The position Schelling arrives at, which balances the claims of a dynamically grasped nature, of historical hermeneutics, and of the dialogical processes he refers to with the term 'freedom of inquiry,' finds its fullest expression in novels of the period, as we will explore focusing on Goethe's 'Elective Affinities' (1809), Scott's 'Waverley' (1808-1814) and Austen's 'Mansfield Park' (1814). By the end of the course students will have an understanding of rival narratives of the development of German philosophy and of the implications these narratives have both for literary studies and for key contemporary philosophical debates.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

German 230 Section: 1

Fontanes Romane (213380)

Cornelia Zumbusch

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Recurring themes in Theodor Fontane's novels are not only the political, economic and social upheavals in Wilhelminian Germany, but also innovations in the fields of transportation, information and communication. In describing these modern phenomena, Fontane develops special modes of narration. As the narrator recedes further and further behind the characters' speech, the text of the novels seems to consist only of conversation, causerie and chitchat. Despite the seeming lightness and randomness of what is said, Fontane creates densely woven texts, characterized by the calculated return of idioms, images, and motifs. The seminar will focus especially on these modes of narration and connect them to the ways in which (inter-)mediality is reflected: How do the texts stage images and imagery? How are other literary texts, letters and newspaper articles included? What is the role of modern communication techniques such as telegraphy? The aim of the seminar is to provide an overview of Fontane's novels and to afford insight into the poetics of German ›Poetischer Realismus‹ as well as to deepen competences in narrative text analysis. Readings include L'Adultera, Cécile, Effi Briest and Der Stechlin. Readings and discussions will be held in German.

Course Notes: **Readings and discussions will be in German.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

German 254 Section: 1

The Frankfurt School on Film and Mass Culture (203378)

Eric Rentschler

2019 Fall (4 Credits) **Schedule:** M 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This seminar considers the Frankfurt School's deliberations on film, radio, television, and mass culture. We will devote the majority of the course to three seminal figures: Siegfried Kracauer, Walter Benjamin, and T. W. Adorno. More generally, we will focus on the debates catalyzed by the emergence of modern mass media and an industrialized visual culture; we will also reflect on the pertinence of these debates for our own contemporary culture of media convergence.

Course Notes: **This course is equivalent to AFVS 289. Credit may be earned for German 254 or AFVS 289, but not both.**

Requirements: **Anti-Req: Cannot be taken for credit if AFVS 289 (formerly VES 289) is already complete**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

German 287 Section: 1

Literature on Trial: Kafka in Paris (212931)

John T. Hamilton

2020 Spring (4 Credits) **Schedule:** F 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The seminar engages in a close study of Kafka's major stories and novels, diaries and correspondence; and how this body of work was received, explicated and interpreted by key figures in post-war France: Maurice Blanchot, Jacques Lacan, Deleuze & Guattari, Jacques Derrida, and others.

Course Notes: **Readings in German and French, with English translations available. Discussion in English.**

This course is equivalent to CompLit 212. Credit may be earned for CompLit 212 or German 287, but not both.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities

German 291 Section: 1

Questions of Theory (205260)

Nicole Suetterlin

Doris Sommer

2019 Fall (4 Credits) **Schedule:** F 0945 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

To explore key literary, cultural and critical theories, we pose questions through readings of classic and contemporary theorists, from Aristotle to Kant, Schiller, Arendt, Barthes, Foucault, Glissant, Ortiz, Kittler, and Butler, among others. Their approaches include aesthetics, structuralism, discourse analysis, media theory, deconstruction, psychoanalysis, gender theory, ecocriticism. Each seminar addresses a core readingand a cluster of variations. Weekly writing assignments will formulate one or two questions to the core text and the cluster, to prepare for seminar discussions.

Course Notes: **Conducted in English. This course is also offered as Romance Studies 201. Credit may be earned for Romance Studies 201 or German 291, but not both.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities

German 300

Dissertation (113307)

Peter Burgard

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

German 300

Dissertation (113307)

Peter Burgard

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 25

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

German 300 Section: 002

Dissertation (113307)

John T. Hamilton

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

German 300 Section: 002

Dissertation (113307)

John T. Hamilton

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 25

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

German 300 Section: 003

Dissertation (113307)

Racha Kirakosian

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 25

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

German 300 Section: 003

Dissertation (113307)

Racha Kirakosian

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

German 300 Section: 004

Dissertation (113307)

Stephen Mitchell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

German 300 Section: 004

Dissertation (113307)

Stephen Mitchell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 25

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

German 300 Section: 005

Dissertation (113307)

Eric Rentschler

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

German 300 Section: 005

Dissertation (113307)

Eric Rentschler

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 25

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

German 300 Section: 006

Dissertation (113307)

Judith Ryan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

German 300 Section: 006

Dissertation (113307)

Judith Ryan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 25

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

German 300 Section: 007

Dissertation (113307)

Nicole Suetterlin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 25

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

German 300 Section: 007

Dissertation (113307)

Nicole Suetterlin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

German 300 Section: 008

Dissertation (113307)

Alison Frank Johnson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

German 300 Section: 008

Dissertation (113307)

Alison Frank Johnson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 25

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

German 310

Teaching (208304)

Peter Burgard

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

German 310 Section: 1

Teaching (208304)

Peter Burgard

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

German 320

Course-Related Work (208305)

Peter Burgard

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

German 320 Section: 1

Course-Related Work (208305)

Peter Burgard

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

German 330

Research-Related Work (208306)

Peter Burgard

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

German 330

Research-Related Work (208306)

Peter Burgard

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

German 340

Independent Study (212614)

John T. Hamilton

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Subject: Swedish

Swedish 10A

Beginning Swedish Language and Literature (121412)

Agnes Broome

2019 Fall (4 Credits) **Schedule:** T 1030 AM - 1145 AM
MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

A basic course focusing on listening, speaking, reading, and writing skills. During fall term, pronunciation and listening comprehension will be emphasized, as well as regular writing assignments. Literary, film, music and other cultural texts will be introduced relatively early on. By semester's end, students will have achieved a basic literacy in everyday Swedish.

Course Notes: **Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Swedish
FAS Course Roll	FAS Course Roll

Swedish 10B

Beginning Swedish Language and Literature (126648)

Agnes Broome

2020 Spring (4 Credits) **Schedule:** MTWR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of the basic course focusing on a basic mastery of listening, speaking, reading, and writing skills. During spring term, the emphasis is on more advanced conversation and an exploration of Sweden's culture and civilization through selected texts and video. By semester's end, students will be able to carry on conversations in everyday Swedish, read news articles, and write letters and produce substantial creative work.

Course Notes: **Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Swedish
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Swedish 20A

Intermediate Swedish: Childhood in Swedish Literature and Culture (112472)

Agnes Broome

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Sweden and Swedish Finland have produced some of the most translated and beloved works of children's fiction in the world. In this intermediate Swedish language course, we will review the essentials of Swedish grammar and vocabulary as we explore some of these classic works of children's fiction, film, and comic books and the aspects of Swedish culture they illuminate. The final project for this class involves producing your own work of children's fiction or film.

Course Notes: **Conducted in Swedish. Not open to auditors.**

Prerequisite: Swedish Ab or equivalent.

Recommended Prep: **Swedish Ab or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Swedish
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Swedish
FAS Course Roll	FAS Course Roll

Swedish 20B Section: 1

Intermediate Swedish (203488)

Agnes Broome

2020 Spring (4 Credits) **Schedule:** T 0600 PM - 0700 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Swedish 20a. Focuses on enhancing students' proficiency in all four skill areas with special emphasis on speaking/discussion and the control of different discourse registers. Extensive vocabulary-building exercises, a thorough grammar review, and an introduction to various Swedish cultural topics and current affairs through the use of literary and non-literary texts, multimedia resources, and the news.

Course Notes: **Conducted in Swedish. Prerequisite: Swedish 20a or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Swedish
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Swedish

Subject: Germanic Philology

Germanic Philology 261

Advanced Reading and Grammar for Graduate Students (205975)

Peter Burgard

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Advanced study of German grammar for the purpose of reading and parsing sophisticated texts. Prepares graduate students for scholarship that includes German literary, historical, and theoretical texts.

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	German
FAS Course Roll	FAS Course Roll

Germanic Philology 280

Approaches to Foreign Language Teaching (205603)

Lisa Parkes

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A practical and theoretical introduction to foreign language instruction. Emphasis on historical and current theories of second language acquisition and their implications for the methods of teaching foreign language, culture, and literature.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Germanic Philology 300

Special Reading Programs and Research Problems for Advanced Students (108357)

Peter Burgard

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Germanic Philology 300

Special Reading Programs and Research Problems for Advanced Students (108357)

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Global Health and Health Policy

Subject: Global Health & Health Policy

Global Health & Health Policy 50

The Quality of Health Care in America (114957)

Anupam Jena

2020 Spring (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 42

Offers information and experiences regarding the most important issues and challenges in health care quality. Overview of the dimensions of quality of care, including outcomes, overuse, underuse, variation in practice patterns, errors and threats to patient safety, service flaws, and forms of waste. Each session focuses on one specific issue, exploring patterns of performance, data sources, costs, causes, and remedies. Explores desirable properties of health care systems that perform at high levels in many dimensions of quality.

Course Notes: **Lotteried course, enrollment limited to 42.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

Global Health & Health Policy 70

Global Response to Disasters and Refugee Crises (161268)

Stephanie Kayden

Michael VanRooyen

2020 Spring (4 Credits) **Schedule:** R 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Climate change, urbanization, and conflict mean that global disasters are on the rise. How should the world respond when disasters force people from their homes? How can we better help the world's refugees? This course examines the past, present, and future of the international humanitarian response system. We will explore how Doctors Without Borders, the United Nations, the Red Cross, and other aid agencies came to be and how global response standards, international humanitarian law, and new technologies are shaping worldwide disaster relief.

Through interactive discussions and case studies, students will learn how aid workers interact with governments, militaries, and civil society to provide refugee aid. At the end of the course, students can choose to live the refugee experience during a large-scale, weekend outdoor simulated humanitarian response training program together with other students and professional aid workers from around the world.

Course Notes: **Lotteried course, enrollment limited to 30.**

Class Notes: **Students must be able to enroll in one of the following sections to join the course:**

Tuesdays, 4:30 PM - 5:30 PM, or
Wednesdays, 4:30 - 5:30 PM

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

Global Health & Health Policy 91

Supervised Reading and Research (127231)

David Cutler

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised reading leading to a long term paper on a topic or topics not covered by regular courses of instruction.

Course Notes: **May not be taken Pass/Fail. To enroll in the course, a written proposal and signature of advisor and chair of GHHP Committee is required. Refer to GHHP website for enrollment requirements and instructions: https://ghhp.fas.harvard.edu/ghhp-91**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Global Health & Health Policy 91

Supervised Reading and Research (127231)

David Cutler

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised reading leading to a long term paper on a topic or topics not covered by regular courses of instruction.

Course Notes: **May not be taken Pass/Fail. To enroll in the course, a written proposal and signature of advisor and chair of GHHP Committee is required. Refer to GHHP website for enrollment requirements and instructions: https://ghhp.fas.harvard.edu/ghhp-91**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration

Global Health & Health Policy 99

Research in Global Health and Health Policy (123102)

David Cutler

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Global health and health policy are interdisciplinary fields that apply the theories and methods of statistics, sociology, political science, economics, management, decision science, and philosophy to the study of population health and health care. Research from these fields influences policymaking in a variety of settings. For example, the Patient Protection and Affordable Care Act (ACA) drew upon health policy research to develop programs for improving access and quality of care in the United States. Similarly, global health research guides international institutions, such as the World Health Organization, in determining health guidelines for all countries. Global health and health policy research can also inform practices inside hospitals, initiate programs for diseases like HIV, and regulate the food and drug industries. This course introduces the fundamentals of research design and methods in global health and health policy and assists students in developing research projects and crafting policy recommendations that can impact health care systems and public health.

Course Notes: **This course fulfills the research requirement of the Secondary Field in Global Health and Health Policy and enrollment is ordinarily limited to seniors in the GHHP Secondary Field. Underclass GHHP students may petition to take the course if all other Secondary Field requirements have been met. Course is primarily taught by graduate students in the PhD in Health Policy program and guest lecturers. May not be taken pass/fail.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Global Health & Health Policy 99 Section: 002

Research in Global Health and Health Policy (123102)

David Cutler

2020 Spring (4 Credits) **Schedule:** R 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Global health and health policy are interdisciplinary fields that apply the theories and methods of statistics, sociology, political science, economics, management, decision science, and philosophy to the study of

population health and health care. Research from these fields influences policymaking in a variety of settings. For example, the Patient Protection and Affordable Care Act (ACA) drew upon health policy research to develop programs for improving access and quality of care in the United States. Similarly, global health research guides international institutions, such as the World Health Organization, in determining health guidelines for all countries. Global health and health policy research can also inform practices inside hospitals, initiate programs for diseases like HIV, and regulate the food and drug industries. This course introduces the fundamentals of research design and methods in global health and health policy and assists students in developing research projects and crafting policy recommendations that can impact health care systems and public health.

Course Notes: **This course fulfills the research requirement of the Secondary Field in Global Health and Health Policy and enrollment is ordinarily limited to seniors in the GHHP Secondary Field. Underclass GHHP students may petition to take the course if all other Secondary Field requirements have been met. Course is primarily taught by graduate students in the PhD in Health Policy program and guest lecturers. May not be taken pass/fail.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration

Government

Subject: Government

Government 10

Foundations of Political Theory (124414)

Eric Beerbohm

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course investigates the central problems of political theory that concern the justification of democracy. Is democratic rule the uniquely just form of collective decision-making? What political institutions best express the democratic values of equality, deliberation, and participation? What are the moral responsibilities of citizens - whose representatives exercise political power in their name? Is democracy a human right? Readings integrate contemporary work in political philosophy with canonical thinkers, including Plato, Aristotle, Rousseau, and J.S. Mill.

Class Notes: **theory_subfield**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Government 20

Foundations of Comparative Politics (117853)

George Soroka

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Provides an introduction to key concepts and theoretical approaches in comparative politics. Major themes include the causes of democratization, economic development, ethnic conflict, and social revolutions; as well as the role of the state, political institutions, and civil society. Examines and critically evaluates different theoretical approaches to politics including modernization, Marxist, cultural, institutionalist, and leadership-centered approaches. Compares cases from Africa, Asia, Europe, Middle East and Latin America to provide students with grounding in the basic tools of comparative analysis.

Class Notes: **comparative_subfield**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
FAS: Final Assessment Category	Three-hour Exam

Government 30

American Government: A New Perspective (111813)

Paul Peterson

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Provides an overview of contemporary American politics. It analyses the way in which recent changes in elections and media coverage have helped shape key aspects of American government, including the courts, Congress, and the Presidency, the workings of interest groups and political parties, and, also, the making of public policy. Permanent political campaigns have altered governmental institutions and processes. The course explains how and why.

Class Notes: **american_subfield**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 40

International Conflict and Cooperation (126258)

Stephen Chaudoin

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course is an introduction to the analysis of the causes and character of international conflict and cooperation. The course begins with a foundational review of the different levels at which states interact and the primary theoretical paradigms in the field. It then addresses how states achieve cooperation in the face of international anarchy. The course next addresses basic bargaining theory, which uses insights from economics to explore how bargaining breakdowns, commitment problems, and incomplete information can lead to war. Thereafter we examine three popular topics in contemporary international relations research: the roles that psychology, leaders, and domestic politics play in explaining international conflict and cooperation. We will also look at international organizations/law, terrorism, trade, foreign aid, international development, and climate change.

Class Notes: **IR_subfield**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Government 50

Introduction to Political Science Research Methods (123443)

Santiago Olivella Sierra

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This class will introduce students to techniques used for research in the study of politics. Students will learn to think systematically about research design and causality, how data and theory fit together, and how to measure the quantities we care about. Students will learn a `toolbox' of methods---including statistical software---that enable them to execute their research plans. This class is highly recommended for those planning to write a senior thesis.

Course Notes: **This course must be taken for letter grade.**

Additional Course Attributes:

Attribute	Value(s)
Quantitative Reasoning with Data	Yes
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Core Curriculum (old)	Quantitative Reasoning
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Government 62

Research Practice in Qualitative Methods (108287)

Frances Hagopian

2020 Spring (4 Credits) **Schedule:** T 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

With the goal of preparing students to undertake original research, this course introduces students to basic principles and tools of qualitative research in the social sciences. Focus is on comparative research design and the principal tools of qualitative research. Topics examined include the pitfalls of selection bias, the logic of causal inference, measurement and conceptualization, and the potential of mixed methods. Research techniques covered are process tracing, analytic narratives, natural experiments, archival research, interviews, and ethnography.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Government 63

Topics and Resources in Political Theory (108285)

Michael Rosen

2020 Spring (4 Credits) **Schedule:** F 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course introduces students to the most important debates in contemporary English-language political theory, centered on questions of justice, equality and rights. We then turn to topics that reflect the individual interests of students who enroll. The course is designed to help participants to make the transition from being critical readers of political thought to being independent contributors to debate. It will be especially useful for those considering writing a thesis in political theory.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Government 91R

Supervised Reading and Research (111659)

Nara Dillon

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised reading leading to a term paper in a topic or topics not covered by regular courses of instruction.

Course Notes: **Limited to juniors and seniors. Does not count for concentration credit. Offered at the discretion of the individual instructors. Written proposal and signature of Director of Undergraduate Studies required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration

Government 91R

Supervised Reading and Research (111659)

Nara Dillon

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised reading leading to a term paper in a topic or topics not covered by regular courses of instruction.

Course Notes: **Limited to juniors and seniors. Does not count for concentration credit. Offered at the discretion of the individual instructors. Written proposal and signature of Director of Undergraduate Studies required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences

FAS: Course Level	Primarily for Undergraduate Students

Government 92R

Faculty Research Assistant (108639)

Nara Dillon

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **This course must be taken Sat/Unsat.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

Government 92R

Faculty Research Assistant (108639)

Nara Dillon

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **This course must be taken Sat/Unsat.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Government 93B

Technology Science Practicum (207920)

Latanya Sweeney

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This practicum is a capstone to the Technology Science Program, designed to give students the opportunity to conduct original research and write a publication-ready research paper. In consultation with the instructor, students select a concrete technology-society conflict to address, produce autonomous research to analyze it, and provide a set of actionable recommendations or produce appropriate technology to solve it. Throughout the semester, students receive feedback both from their peers and the instructor to aid the development of their projects. Class meetings include the development of writing schedules, discussions focused on framing, analysis, methodology, and peer-review of student projects. Emphasis is

placed on issue spotting, academic story-telling and research framing for maximum impact. The course culminates with a formal presentation of the students' projects and papers.

Requirements: **Prerequisite: GOV 1430**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Government 93C

Public Policy Practicum (214596)

Leslie Finger

2020 Spring (4 Credits) **Schedule:** M 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

This course provides students an opportunity to do policy research. Students will read academic research on policy and the politics of policy making, and then do their own research for a policy proposal commissioned by a real client, such as a legislator or an NGO. Each student will write a research paper on a topic related to the group project. This research will also contribute to a single, integrated report and oral presentation for the client. The focus of the course this year will be education policy.

Class Notes: **Gov 93c will be meeting in HKS Littauer L166.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Government 94ACH

Politics of Inequality in Latin America (212899)

Alisha Holland

2020 Spring (4 Credits) **Schedule:** R 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 16

Latin America is the most unequal region in the world. Why? And what can be done about it? Topics include the origins and types of inequality, social policies to help the most vulnerable, and tax and corporate policies to restrain the most powerful. The course emphasizes the political effects of inequality, from populism to government dysfunction, and reflects on what wealthy countries with rising inequality like the United States can learn from Latin America.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences

All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Government 94AS

The Politics of Virtual Realities (213530)

Allison Stanger

2020 Spring (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

How has technology changed our politics? Are those changes all for the good? In this course we will explore the political, legal, and normative consequences of the Internet for liberal democracy. We start with the US Constitution and examine arguments that it cannot by itself prevent the Internet from becoming a domain of manipulation rather than of freedom. How can we uphold the ideals of liberty and equality? And, since cyberspace has no country, whose rules should govern it? Topics will include foreign electoral intervention, virtual war, ethics of AI, corporate and government surveillance, cybersecurity, and the Snowden and WikiLeaks controversies.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Government 94BH

Ethics and Public Policy (203517)

Eric Beerbohm

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

This course examines the moral and philosophical dimensions of public policy and policymaking. It considers the diversity of objections that citizens may raise to democratically-enacted laws, including the wrongs of coercion, deception, and manipulation. Cases will include legislative gamesmanship, pork-barrel politics, and public policies that bear on income inequality, climate change, and military intervention.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

Government 94BM

Political Communication (214545)

Matthew Baum

2020 Spring (4 Credits) **Schedule:** T 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

This course considers the how the media influence Americans' political opinions and actions, as well as the influence of public opinion and the media on public policy. Topics include the history of the media, recent trends in the media, theories of attitude formation and change, the nature of news, the implications for political communication of the rise of the Internet, social media and partisan media, how news shapes the public's perceptions of politics, campaign communication, how the media and public opinion affect governance, and the general role of the media and public opinion in the democratic process.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 94CD

Global Governance and the Role of International Organizations (213436)

Christina Davis

2019 Fall (4 Credits) **Schedule:** R 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 16

This seminar examines the role of international organizations as a tool to manage global problems. We will review international relations theories that account for why states establish institutions and assess the effectiveness of specific organizations to improve policy outcomes as well as explore their legitimacy within society. In light of the backlash against these institutions that can be seen in the Brexit vote and U. S. rejection of new international trade agreements, what is their role going forward? The scope of organizations that we examine will range across issue areas in security, economic, and human affairs. We will consider how selection effects and indirect influence present challenges to research on the effectiveness of international organizations. Through analysis of a variety of sources, including negotiation archives and quantitative measures of policy outcomes, students will be encouraged to probe the conditions under which international organizations promote cooperation.

Class Notes: **COURSE LOCATION: CGIS K450, but CGIS S450 on 10/3.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Government 94CP

Political Economy of the Environment (207736)

Alexander Gard-Murray

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

This course will apply the tools of political economy to the study of environmental policymaking, both in the United States and around the world. How are different interests represented in the creation and implementation of environmental policy? What makes some countries more active on environmental issues? When do businesses choose to support environmental action? Why do some kinds of environmental problems seem easier to solve than others? We will study these questions with a range of contemporary and historical case studies, drawing on both the academic literature and accounts from activists, lobbyists, and policymakers.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Government 94CT

The Governance and International Politics of World Regions (207723)

Timothy Colton

2020 Spring (4 Credits) **Schedule:** W 0900 AM - 1100 AM

Instructor Permissions: Instructor **Enrollment Cap:** 16

This class investigates patterns of interaction, integration, and identity construction in contemporary world regions; political, economic, and cultural explanations for why outcomes vary across regions; and regions as competitive arenas and proving grounds for established and rising powers. In addition to general and theoretical questions, the course will consider the experience of specific regions, including Europe, Southeast Asia, South Asia, the Middle East, South America, the Caribbean, and post-Soviet Eurasia

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Government 94DB

Meritocracy and its critics (213734)

Michael Sandel

2019 Fall (4 Credits) **Schedule:** W 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 16

Suppose a society achieved truly equal opportunity, so that people could rise as far as their talents and hard work would take them. Would this be a just society? Would those on top deserve their success? To what extent is American society a meritocracy? Do universities promote opportunity or reproduce privilege? The seminar will explore these and other questions related to equality, mobility, and the American dream.

Class Notes: **COURSE LOCATION: CGIS K354.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 94DN

Mapping Social and Environmental Space (123501)

Jill Kelly

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

This seminar will use mapping as a methodological technique to examine social and environmental issues. Students will be expected to use mapping software to examine spatial data for a location and topic of their choice for their final paper. Weekly discussions will be conducted in class on various mapping related topics. References will range from books like "How to lie with Maps" to current journal articles examining the use of GIS in social science.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Government 94EM

Crime, responsibility, and the law (213657)

Gabriel Katsh

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

One of the central questions of any political system is how to respond those

who violate the legally enforced norms of behavior—in other words, what to do about crime and criminals. In this seminar, we will consider the philosophical justifications that have been given for the operation of the criminal justice system and, in particular, for the practice of punishing offenders. We will focus on the contrasting ideologies of retributivism and consequentialism and how those systems address moral principles such as responsibility, agency, blame, and desert as well as more practical concerns such as deterrence and public safety. Readings will be drawn from a wide range of sources, primarily political theory and law, but also the philosophy of mind, sociology, history, and neuroscience.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

Government 94GK

The Politics and Ethics of Medical Care (109731)

Gabriel Katsh

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

This course is an introduction to medical ethics and the ways in which political theory can inform our understanding of the moral and political dimensions of medical care. Using case studies as a launching point, we will explore ideas about autonomy, paternalism, beneficence, and distributive justice, and their application to issues such as informed consent, euthanasia, the right to refuse care, the distribution of scarce resources, and conflicts between patient rights and the public good.

Class Notes: **COURSE LOCATION: CGIS K401, but K354 on 9/16.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Government 94GM

Politics of Climate Change (207733)

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

This course will explore the political problems involved in mitigating and adapting to global climate change. We will draw on both the empirical and normative political literatures, as well as climate science and economics, to approach key questions about climate politics. What do we owe to the future and to people elsewhere? What are the costs of different policy options, and how should they be distributed? How have different governments responded, and what factors shape their responses? What role do international treaties, social movements, and public opinion play? And what can or should be done to change our current trajectory?

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Government 94GY

Transitional Justice and the Politics of Truth Commissions (207734)

Gloria Ayee

2019 Fall (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

Scholars, policymakers, and political leaders have long debated appropriate responses to severe human rights violations that occur during periods of periods of civil conflict, war, and genocide. This course introduces students to interdisciplinary studies in transitional justice and post-conflict reconciliation by focusing on the work of truth and reconciliation commissions. Students will examine key concepts and theoretical perspectives that are central to the field of transitional justice. Drawing on cases such as South Africa, Chile, Peru, and Canada, the course will critically examine how truth commissions are used to provide accountability for human rights abuses carried out by the state.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 94HJ

Technically Justice? The Politics of Technology and Criminal Justice Reform (214573)

Jennifer Halen

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

The U.S. criminal justice system is rife with problems that have devastating consequences for individuals, families, and communities. How can we fix this troubled institution? This class examines the politics and policies behind the explosion of tech-based reforms, including surveillance tech, predictive policing, Virtual Reality, and many other theoretical and applied reforms. Additionally, the class will explore activists' and prison abolitionists' perspectives and technologies used to resist or alter the carceral system. The empirical and normative consequences of each of these perspectives and technologies will be discussed throughout.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 94HL

Political Economy of Development (205263)

Horacio Larreguy

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

Observes core topics of political economy in developing democracies, while also covering the intuition (not the statistics) of the main empirical methods for causal identification (e.g., difference-in-differences, regression discontinuity, instrumental variables). What is the role of institutions in explaining economic development? Why do communities fail at providing public goods? Why do voters often fail to hold their elected officials accountable? How are candidates able to circumvent electoral accountability though clientelism and vote buying? What is the role of media in promoting electoral accountability?

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Government 94IA

Sino-US Relations in an Era of Rising Chinese Power (124775)

Alastair Johnston

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

Assesses theoretical arguments and empirical evidence concerning the implications of Chinese economic and military modernization for conflict and cooperation between China and the US. Some issues examined include global arms control, trade, the environment, and regional security.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Government 94JH

American Cyber Politics (213604)

Jennifer Halen

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Department **Enrollment Cap:** 16

This class explores the ways internet-based and computational technologies are changing political behavior and governing institutions and processes. This includes discussing technologies, such as social media, that influence partisanship, civic participation, and activism, as well as technologies adopted within government, such as pretrial risk assessment software. In addition to analyzing the effects of basic automation and the internet, we will also be focusing on emerging computational technologies including the Internet of Things, Augmented Reality, Advanced Robotics, Machine Learning, and Artificial Intelligence.

Class Notes: **Gov 94jh is taught by Jennifer Halen.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Government 94LF

Philanthropy, Nonprofits, and the Politics of American Education (205261)

Leslie Finger

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

In recent years, foundations like the Gates Foundation and wealthy individuals like Mark Zuckerberg have become heavily involved in funding K-12 education, giving large sums of money to urban school districts, charter schools, and education non-profits. This course uses political science to shed light on these developments. We will explore how philanthropic and non-profit involvement has shaped schools, interest groups, ideas and policy outcomes in education. In doing so, students will learn a variety of prominent American politics theories, such as those pertaining to power, group mobilization, policy entrepreneurship and policy feedback, among others.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

Government 94LH

Clientelism (214544)

Horacio Larreguy

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

This course exposes students to core issues in the literature on clientelism in developing democracies. Some of the questions we will consider include: What are the structures of markets for votes? Which voters or groups of voters are targeted clientelistic exchanges? How do brokers enforce clientelistic exchanges with voters in the presence of a secret ballot? How do candidates or parties build political machines? Does clientelism crowd out or complement public service delivery?

Class Notes: **Class location K031 starting 2/5.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

Government 94MCC

Peace-Building: Approaches to Reducing Ethnoreligious Conflict (213364)

Melani Cammett

2019 Fall (4 Credits) **Schedule:** W 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 16

Since the end of the Cold War, identity-based conflict has been on the rise. Many countries in Africa, South and Southeast Asia, the Middle East and the Former Soviet Union have witnessed wars and conflict and riots that are ostensibly waged for ethnic or religious reasons. Even if they are not the root cause of these conflicts, such identities often *become* politically salient as a result of political violence targeting ethnic or religious "others" and, once activated, exhibit remarkable stickiness in social and political life. When intergroup tensions have ratcheted up, is it possible to reduce their importance? Can a shared civic identity be constructed in the wake of violence waged in the name of ethnicity or religion? This course aims to explore these questions through an exploration of relevant social science literature and in-depth analyses of case studies of conflict and conflict resolution.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Government 94NW

The Politics of Nuclear Weapons (203474)

Stephen Rosen

Sergio Imparato

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

Is the theory of nuclear deterrence wrong? Nuclear weapons and the political behavior associated with them are very complex, with large variations over time and space, and these variations may have significant consequences. This course is designed to give the interested student an introduction to the physical reality of nuclear weapons and the history of their use.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 94OF

Law and Politics in Multicultural Democracies (128009)

Ofrit Liviatan

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

Examines the role of law in the governance of cultural diversity drawing on examples from the USA, Western Europe, India and Israel. Central themes at the intersection of law and politics will be explored, including: the impact of courts on rights protections, law's function as a venue of conflict resolution, and courts' relationship with other political institutions. Specific attention will be given to contemporary controversies such as Islamic veiling, abortion and same sex marriage.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Government 94PI

Politics of Development in Africa (205264)

Pia Raffler

2020 Spring (4 Credits) **Schedule:** R 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

This seminar is an introduction to the politics and political economy of development in modern Africa. Topics include the legacies of colonial rule, state formation, state failure and conflict, democratization and democratic erosion, corruption and political accountability, and the role of foreign aid. Readings draw from comparative politics, political economy, history, geography, and development economics. The course puts an emphasis on research design and evaluating causal claims.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Government 94PY

Revolution and Politics in Contemporary Iran (109733)

Payam Mohseni

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

Iran is increasingly a significant power in the Middle East and a salient country to global affairs. Accordingly, this course examines the intricacies of Iranian politics since the 1979 revolution. It explores a broad range of topics including the causes of the Iranian revolution; the political implications of the Islamic regime's institutional architecture; the competitive factional dynamics within the ruling elite; Iranian foreign policy, Iran-US relations, and nuclear negotiations; and Shia political ideology.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Government 94RV

Corruption (208266)

Viridiana Rios

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

The peculiar and enigmatic relationship between corruption and politics is poorly understood and commonly distorted by ideological rhetoric. This seminar explores the many unusual paradoxes of corruption and its effect on economic and social variables. Our aim is to understand the peculiar and enigmatic characteristics of different forms of corruption, the sweeping anti-corruption efforts that are gaining steam worldwide, and the often-questionable political motives behind them. Overall, we aim to show a precise picture of when and how corruption thrives, and how to properly combat it.

Class Notes: **COURSE LOCATION: CGIS K450, but K401 on 9/16.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Government 94SAF

EJ Safra Undergraduate Ethics Fellowship Seminar (109942)

Arthur Applbaum

2020 Spring (4 Credits) **Schedule:** M 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Topics in moral philosophy and political theory that illuminate normative issues in public and professional life. Prepares undergraduate fellows across the social sciences, natural sciences, and the humanities to pursue research on normative questions.

Course Notes: **Limited to and required of undergraduate fellows in the Center for Ethics.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Government 94SI

Grand Strategy in International Relations and U.S. Foreign Policy (213452)

Sergio Imparato

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

This course explores the concept of grand strategy in International Relations and U.S. foreign policy. The main purpose is to analyze the ways in which nations formulate, implement and assess strategic options to advance their perceived interests in the international arena. How do states allocate their resources to achieve their goals? Special attention is placed on the study of political, military, economic, and diplomatic resources in the context of American foreign policy.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

Government 94SW

The Politics of Spatial Inequality in the United States (213451)

Shanna Weitz

2020 Spring (4 Credits) **Schedule:** T 0600 PM - 0845 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

In this course, we will examine the spatial, or geographic, aspect of inequality and its relationship to politics in the United States. This includes examination of racial segregation, class segregation, and rural and urban divides. In addition, we will investigate the role of public policies in contributing to this spatial inequality, as well as how this inequality influences political behavior, representation, and policy outcomes. Finally, we will use the concepts and arguments learned in this course to analyze contemporary political events.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Government 94WC

Capitalism, Socialism & Democracy (213368)

William Clark

2019 Fall (4 Credits) **Schedule:** M 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 16

Since the financial crisis a decade ago, discussions of capitalism and socialism have become increasingly politically salient in the United States. This inter-disciplinary seminar will compare capitalism and socialism, in both theory and practice, and explore their relationship to democracy. We will approach the subject from multiple perspectives: normative, analytical, and historical. Consequently, we will use tools from moral philosophy, economics, social choice theory, and comparative historical sociology. Historical materials will be drawn primarily from the last three centuries of European history.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

Government 94YG

Global Ethnic Politics (207739)

Gloria Ayee

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

Global Ethnic Politics is an undergraduate course that focuses on the social and political implications of

ethnic identities in different parts of the world. The course provides a comparative, global analysis of race and ethnicity, and is designed to help students understand the history, dynamics, and salience of ethnic inequality and political cleavage. Issues under consideration include definitions of race and ethnicity, colonization, nationhood, the politics and political history of indigenous peoples, the history and persistence of White supremacy, multiculturalism, legacies of slavery, ethnic political mobilization, panethnicity, diasporas and transnationalism, migration, ethnic cleansing and genocide, and contemporary racial stratification.

Undergraduate seminar. Enrollment by lottery. Please see Gov Dept undergraduate website for details.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

Government 97

Tutorial - Sophomore Year (113504)

Ryan Enos

2020 Spring (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The Government Sophomore Tutorial takes an innovative approach to introducing sophomores to research in political science. Students will choose a section in a topic of interest while building on a common curriculum of learning how to research and write a research paper. In addition, writing workshops and sessions on learning research methods will be held throughout the semester.

Class Notes: **Students should register for EITHER the Wednesday OR the Thursday section of Gov 97.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Government 97 Section: 002

Tutorial - Sophomore Year (113504)

Ryan Enos

2020 Spring (4 Credits) **Schedule:** R 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The Government Sophomore Tutorial takes an innovative approach to introducing sophomores to research in political science. Students will choose a section in a topic of interest while building on a common curriculum of learning how to research and write a research paper. In addition, writing workshops and

sessions on learning research methods will be held throughout the semester.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Government 97 Section: 003

Tutorial - Sophomore Year (113504)

Ryan Enos

2020 Spring (4 Credits) **Schedule:** W 0600 PM - 0800 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The Government Sophomore Tutorial takes an innovative approach to introducing sophomores to research in political science. Students will choose a section in a topic of interest while building on a common curriculum of learning how to research and write a research paper. In addition, writing workshops and sessions on learning research methods will be held throughout the semester.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Government 99R

Tutorial - Senior Year (113319)

George Soroka

Gabriel Katsh

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taken as two half courses by those who have elected the honors program and in order to write their senior theses.**

Recommended Prep: **Two half courses of Government 94.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences

FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration

Government 99R

Tutorial - Senior Year (113319)

George Soroka

Gabriel Katsh

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taken as two half courses by those who have elected the honors program and in order to write their senior theses.**

Recommended Prep: **Two half courses of Government 94.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Government 1000

Quantitative Methods for Political Science I (113559)

Xiang Zhou

2019 Fall (4 Credits) **Schedule:** T 0900 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to statistical research in political science with a focus on applied multiple linear regression.

Course Notes: **Frequently taken by graduate students satisfying department requirements. Also open to qualified undergraduates.**

Recommended Prep: **Gov. 50, or equivalent, or permission of the instructor.**

Requirements: **Prerequisite: GOV 50**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
Quantitative Reasoning with Data	Yes
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 1005

Data (115859)

David Kane

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 100

This course, an introduction to data science, will teach you how to think with data, how to gather information from a variety of sources and in various formats, how to import that information into a project, how to tidy and transform the variables and observations, how to visualize the data, how to model relationships, how to assess uncertainty, and how to communicate your findings in a sophisticated fashion. Each student will complete a final project, the first entry in their professional portfolio. Our main focus is data associated with political science, but we will also use examples from the social sciences more broadly.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
Quantitative Reasoning with Data	Yes

Government 1005

Data (115859)

David Kane

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 150

This course, an introduction to data science, will teach you how to think with data, how to gather information from a variety of sources and in various formats, how to import that information into a project, how to tidy and transform the variables and observations, how to visualize the data, how to model relationships, how to assess uncertainty, and how to communicate your findings in a sophisticated fashion. Each student will complete a final project, the first entry in their professional portfolio. Our main focus is data associated with political science, but we will also use examples from the social sciences more broadly.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
Quantitative Reasoning with Data	Yes
FAS Divisional Distribution	Social Sciences

Government 1006

Models (211173)

David Kane

2020 Spring (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 35

Statistical models help us to understand the world. This class explores the use of models for analysis in the social sciences broadly, and in political science specifically. Do get-out-the-vote calls affect turnout? Does a history of slavery in a county influence contemporary political views? Does demographic change impact policy preferences? We use the R programming language, RStudio, and GitHub. Each student will complete a "replication" as their final project, an attempt, successful or not, to replicate the results from a published article in the academic literature. This class is especially designed to lay the groundwork for an empirical senior thesis.

Recommended Prep: **Gov 1005 and statistics at the level of Gov 50, or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students
Quantitative Reasoning with Data	Yes
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 1008

Introduction to Geographic Information Systems (122850)

Jill Kelly

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This courses teaches the use of Geographic Information Systems (GIS), a collection of hardware and software tools that allow users to visualize and analyze geographic data in its spatial configuration. Students will learn the theory of geospatial analysis alongside practical methods for acquiring, manipulating, displaying, and analyzing cartographic data.

Course Notes: **No prerequisites.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Government 1009

Advanced Geographical Information Systems Workshop (122852)

Jill Kelly

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course is a workshop for students who have taken the introductory Geographical Information Systems course and want to explore detailed applications. The course will meet two times a week for a lecture and a laboratory exercise.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Government 1010

Survey Research Methods (119479)

Chase Harrison

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course introduces students to the theoretical underpinnings and practical challenges of survey research, designed to help students better understand, interpret and critically evaluate surveys and public opinion polls.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
Quantitative Reasoning with Data	Yes
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Government 1021

Spatial Models of Social Science (207780)

Jill Kelly

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will survey the theory and application of airborne and satellite remote sensing, primarily as a tool for spatial social science. Students will learn the basics of electromagnetic radiation, reflection and absorption, satellite and sensor technology, and digital image analysis, with a focus on data acquisition and preparation. Students will learn the use of software for image processing and analysis, the fundamentals of raster GIS, and the use of a scriptable online platform for quick remote processing. Applications will have a social focus, including urbanization and development, infrastructure, settlement

morphology, change detection, and interactions between the human and natural environments.

Available for undergraduate and graduate students.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 1033

Educational Justice (204038)

Jacob Fay

2020 Spring (4 Credits) **Schedule:** MW 1000 AM - 1159 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Educators and educational policy makers regularly face challenging ethical decisions. For example, what should be done about a student with diagnosed emotional issues who frequently disrupts class, but who benefits from being mainstreamed? Should teachers resist grade inflation even if it helps their students in the college and labor market? Is it just to expand a charter school that achieves outstanding academic outcomes at the cost of high attrition rates? When school closure or teacher evaluation policies disproportionately impact low-income communities of color, is that in itself evidence of an injustice that must be addressed? These kinds of questions are often addressed as technocratic challenges of leadership, legal compliance, or accountability. This course, by contrast, addresses the ethical dimensions of educational practice and policy, with justice as our primary focus. We will engage with philosophical, theoretical, and empirical readings from a wide variety of disciplines. We will also grapple with case studies of dilemmas of educational justice from classrooms, schools, districts, and organizations in the United States and abroad. Our goals will be to deepen our own understandings of educational justice, to engage with others about complex ethical judgments across multiple lines of difference, and to learn how to enhance educators' and policymakers' capacities to make ethical decisions under challenging conditions.

Course Notes: **Undergraduates permitted upon application to instructor. Offered at HGSE as A-203.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 1060

Ancient and Medieval Political Philosophy (114754)

Harvey Mansfield

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Classical and medieval political philosophy, from Plato to Thomas Aquinas, with special attention to the question of natural right.

Class Notes: **theory_subfield**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Government 1061

The History of Modern Political Philosophy (115014)

Harvey Mansfield

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Political philosophy from Machiavelli to Nietzsche, with attention to the rise and complex history of the idea of modernity.

Class Notes: **theory_subfield**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students

Government 1074

Political Thought of the American Founding (156108)

Eric Nelson

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

John Adams observed that the American Revolution took place, not on the battlefield, but rather "in the minds of the people...before a drop of blood was shed at Lexington." This course will examine the political debates leading to American independence, and, later to the ratification of the Federal Constitution. Famous works of the period, such as Paine's Common Sense and The Federalist, will be placed in the wider context of American political writing from 1763 to 1789.

Class Notes: **theory_subfield**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students

Government 1089

Political Thought in the French Revolution (213431)

Richard Tuck

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

How modern political thought came into being, against the background of the Revolution. No French is required: texts will be in translation.

Class Notes: **theory_subfield**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Government 1092

Progressive Alternatives: Institutional Reconstruction Today (125860)

Roberto Mangabeira Unger

2020 Spring (4 Credits) **Schedule:** T 0100 PM - 0300 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An exploration of the past and future agenda of progressives, whether self-described as liberals or as leftists. What should they propose, now that they no longer believe in the usefulness of governmental direction of the economy or in the sufficiency of redistributive social programs? A basic concern is the relation of programmatic thought to the understanding of change and constraint.

In the recent historical period, progressives have sought to humanize the established order rather than to reimagine and remake it. Here the main focus is on institutional or structural change in the market system and in democratic politics. Among the themes to be discussed are the nature and future of the knowledge economy, the status of free labor vis-à-vis capital, the relation of finance to production, the making of a high-energy democracy that no longer needs crisis to make change possible, and the education required by such economic and political alternatives. A central theme throughout is the content and implications of the idea of freedom.

The course will draw on many disciplines and consider examples from many settings. It will try to develop ways of thinking as well as proposals for change.

Extended take-home examination.

Class Notes: **theory_subfield**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 1107

US-Mexico Relations (208265)

Viridiana Rios

2019 Fall (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** 36

Mexico is one of the U.S.'s most important political, economic, and strategic allies. The history of both nations is inherently intertwined, and thus bears a unique combination of characteristics unseen in the rest of the world. This course will explore Mexico's idiosyncratic political identity and the distinctive ways in which the U.S. has shaped it. We will explore critical debates between the two countries such as immigration, transnational crime, national security, and trade. Our goal is to discover the relationship between the U.S. and Mexico, in all its complexities, debunking the cartoonish stereotypes.

Class Notes: **comparative_subfield**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences

Government 1108

The Politics of Economic Inequality (204957)

Thomas Remington

2020 Spring (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This course will examine the causes and consequences of the rise in the inequality of the distribution of income and wealth in the United States, other industrialized democracies, developing and transition countries, and globally. We will review economic and political theories explaining increasing inequality, along with the implications of inequality for democracy, social and geographic mobility, and governance.

Class Notes: **comparative_subfield**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 1199

Post-Soviet Conflict (212603)

Arvid Bell

2020 Spring (4 Credits) **Schedule:** R 0900 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This undergraduate course will use case studies, intensive simulations, and negotiation exercises to explore the dynamics underpinning hot spots in the post-Soviet space (e.g. Georgia and Eastern Ukraine). Students will not only gain a deeper understanding of current political events in Eurasia, but they will also improve their individual negotiation and conflict management skills.

Class Notes: **Important: This class only meets on the following Thursdays from 9am to 10:45am: Thu 1/30, Thu 2/6, Thu 2/27, Thu 3/12, Thu 3/26, and Thu 4/16. In addition, there are three mandatory Saturday sessions: Sat 2/22 10am-2:30pm, Sat 3/7 10am-5:30pm, and Sat 4/11 9am-6:30pm..**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Government 1203

Capitalism and Democracy in Central and Eastern Europe (117151)

Grzegorz Ekiert

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course examines critical periods in Central and East European history and politics: the emergence and experiences of newly restored independent states in the aftermath of the First World War, the devastations of the Second World War and subsequent imposition of communist regimes, their evolution and their rapid and largely unanticipated collapse in 1989, subsequent transitions to democracy and a market economy, the accession to the European Union and the recent slowdown in economic reforms, democratic backsliding, and the largely unexpected authoritarian turn in some of the new EU member states.

Class Notes: **comparative_subfield**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences

Government 1243

Russian Politics in Transition (111162)

Timothy Colton

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An examination of politics in the Russian Federation since the collapse of Soviet communism, focusing on the factors promoting and impeding the development of a stable democratic regime. Topics include the general dynamics of political and economic transformation, leadership, institution building, political culture, regionalism and federalism, electoral and party politics, state-society relations and interest groups, and Russian nationalism and neo-imperialism.

Class Notes: **comparative_subfield**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Government 1247

Geopolitics of Energy (213670)

Aurelie Bros

2019 Fall (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course is an introduction to geopolitics of energy. The primary objective is to gain in-depth knowledge of the interconnected challenges facing the energy sector—and more broadly, the political, economic, and social actors involved. Emphasis is on introducing an academic understanding of geopolitics of energy and investigating how politics and space are inseparable. This course includes three main case studies: (A) EU-Russian energy relations, (B) energy transition in Ukraine and Ukrainian emerging soft power since the Chernobyl disaster, (C) coercive diplomacy towards Russia and Iran.

Class Notes: **comparative_subfield**

This course is taught by Professor Bros.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 1249

Authoritarianism (213430)

Sarah Hummel

2020 Spring (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This class identifies similarities and differences among authoritarian regimes. The first half identifies the tools authoritarian leaders use to stay in power, and the second half examines the biggest threats to the stability of authoritarian regimes. Students have the opportunity to explore one authoritarian regime in greater detail as part of a semester long research project.

Class Notes: **comparative_subfield**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Government 1263

Improving Governance in Developing Countries: What Can We Learn from Experiments? (207164)

Horacio Larreguy

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Experimental research is an exciting new part of the political science toolkit. This course will introduce students to a number of field and natural experiments that have been conducted in developing countries to study governance failures. Can such experiments help us to understand how social and ethnic divisions prevent cooperation on problems affecting the common good? how corruption, vote-buying, and diversion of public funds can be overcome? how elites might become more accountable to voters? how opposition parties can be made more effective? how the capacity to deliver public goods might be created in places where it appears that the state has failed? Students will get the chance to collaborate on designing their own experiments to generate insight into these and other urgent issues facing developing countries.

Class Notes: **comparative_subfield**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 1270

Government and Politics of Modern Japan (110842)

Daniel Smith

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to political life in contemporary Japan. Explores the interaction of political parties, the bureaucracy, interest groups, the media and the government, with an emphasis on the ongoing transformation of the Japanese political system. Special attention will be paid to contemporary issues, such as economic policy, social welfare programs, national security, disaster response, and administrative reform.

Class Notes: **comparative_subfield**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences

Government 1288

China's Economic Development (213449)

Nara Dillon

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 60

How has China achieved high economic growth rates for 40 years? Have the post-Mao economic reforms created a market economy, or a new form of state capitalism? To answer these questions, this course explores the causes and consequences of China's market reforms, placing the Chinese experience in comparative perspective. The focus of this course will be on the politics of economic reform: seeking to understand how and why different policies have been adopted in China, to analyze their impact, and to seek lessons for reform in other countries.

Class Notes: **comparative_subfield**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Government 1313

Race, Film, and American Politics (211313)

Gloria Ayee

2020 Spring (4 Credits) **Schedule:** W 0600 PM - 0845 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Race, Film, and American Politics **is a course that examines the multifaceted ways in which racial and ethnic identity has been represented in American film. Drawing on political science, sociology, anthropology, and film and media studies, we will assess the ways in which the mainstream media in the United States — focusing primarily on the Hollywood film industry — has portrayed different population groups and shaped our understanding of what it means to be American. The course will address issues of social stratification, and consider the intersection of identity and politics by analyzing historical shifts in cinematic representation in the United States.**

Class Notes: **american_subfield**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Government 1359

The Road to the White House (125228)

Carlos Diaz Rosillo

2020 Spring (4 Credits) **Schedule:** F 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course examines the role of presidential campaigns and elections in American politics. It studies the origins and evolution of the presidential selection process and explores how modern campaigns inform, influence, and mobilize voters. Topics to be studied include the role of candidates and political parties, presidential debates and nominating conventions, campaign strategies and tactics, political advertising and media coverage, campaign finance and organization, voter mobilization, and the transition from campaigning to governing.

Class Notes: **The first meeting of GOV 1359 will be held in Emerson 105.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 1360

American Public Opinion (111548)

Stephen Ansolabehere

Mark Penn

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

How does public opinion shape government? Students will learn how pollsters ask questions in order to test ideas about politics and how public opinion data are used to make political decisions. Students will learn theories of public opinion and government accountability, fundamentals of public opinion research,

and how to design and analyze surveys. Students will work with a national survey firm to design and analyze national sample surveys, and they will learn how to write an effective memo that uses survey data to advise a candidate or president about political strategies and decisions

Class Notes: **american_subfield**

COURSE LOCATION: CGIS K031 but K450 on 10/1 and 11/5

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
Quantitative Reasoning with Data	Yes

Government 1368

The Politics of American Education (121728)

Paul Peterson

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 40

This course examines historical and contemporary forces shaping American K-12 education policy. It also reviews research and commentary on contemporary issues: class size, fiscal policy, teacher recruitment, compensation and tenure, accountability, school vouchers, charter schools and digital learning.

Class Notes: **american_subfield**

Class Notes: **COURSE LOCATION: CGIS K354, but CGIS K262 on 11/5 and 12/3.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

Government 1389

How Decision Makers Translate Public Opinion into Policy Action (213624)

Benjamin Schneer

2019 Fall (4 Credits) **Schedule:** MW 0115 PM - 0230 PM

Instructor Permissions: Instructor **Enrollment Cap:** 25

Government officials both shape and respond to the policy preferences of the electorate. Understanding this dynamic process is critical for policymakers as well as for informed observers of politics, and it illuminates a number of questions with practical applications: How would public policies change if everyone voted? What mechanisms might compel government officials to be more responsive to the

wishes of their constituents? How representative is representative democracy anyway? In answering questions such as these, this course covers topics including how citizens form opinions, the role of traditional and social media as a source of information (and misinformation), the place of elections and electoral institutions in a representative democracy, and how alternative forms of political action such as the petition and the initiative process may influence policymaking. This course offers students interested in a career in politics or policymaking an opportunity to examine what matters when decision makers are translating public opinion into public policy.

Course Notes: **Offered jointly with the Kennedy School as DPI-308**

Class Notes: **american_subfield**

Classroom Location: HKS lit L230

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Government 1430

Tech Science to Save the World (110053)

Latanya Sweeney

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

This course explores ways to create and use technology to assess and solve real-world societal, political and governance problems. Case studies involve real-world data (e.g., twitter, online ads, and images). Hands-on lab format.

Class Notes: **american_subfield**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences

Government 1433

Tech Science: From Democracy to Technocracy and Back (207711)

Latanya Sweeney

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

We live in a new kind of technocracy –a society in which technology design dictates the rules that govern daily life. In the race to construct the latest gadget, app and online service, winning depends on rapid uptake and business success. Losing are social norms and democratic values. This course uses case studies to understand issues, introduces a formal framework to model and reason about technology-

society conflicts and then demonstrates the power of scientific experimentation and ability to exploit paradigm shifts as means to a victorious future where society reaps the benefits of technological innovations without sacrificing critical values.

Class Notes: **american_subfield**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students

Government 1510

American Constitutional Law (128024)

Richard Fallon

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Provides an introduction to contemporary American constitutional law, with a principal focus on decisions by the Supreme Court of the US. Topics to be studied include freedom of speech and religion, guarantees of due process and equal protection, and the powers of Congress and the courts.

Class Notes: **american_subfield**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 1728

The Politics of Terrorism: Causes and Consequences from a Global Perspective (212602)

Erica Chenoweth

2020 Spring (4 Credits) **Schedule:** MW 0845 AM - 1000 AM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Terrorism dominates the headlines, but few observers attempt to think critically about the origins, evolution, and variable impacts of terror groups over the course of history. Alongside many enduring myths and misperceptions about terrorism, the history of this violent technique is rife with puzzles. Why is it so difficult for people to agree on a common definition of terrorism across the globe? Why do groups take up arms against civilians to effect political change? Why do some groups remain fairly restrained in their use of violence while others routinely engage in mass atrocities? Why do some terror groups end within a year of their emergence, whereas others toil along for decades? What are the most effective ways to combat terrorism? What is really "new" about the "new terrorism"? The course takes a theoretical and historical approach, attempting to nest contemporary challenges within the broader global context of terrorism as a phenomenon. To this end, the course will acquaint students with the historical evolution of

domestic and international terrorism while introducing them to the major analytical approaches to the study of terrorism. The five primary goals of the course are for students to: (1) present leading theories, approaches, and concepts for understanding terrorist behavior around the globe; (2) evaluate current approaches to terrorism against prevailing evidence; (3) apply cumulative knowledge to current policy problems and make informed inferences about future developments; (4) deepen their knowledge about particular cases or topics regarding terrorism and counterterrorism; and (5) synthesize their knowledge during in-depth course discussions and several written assignments. By the end of the course, students should understand the fundamental analytical and policy debates surrounding terrorism globally, as well as several policy alternatives that may lead to solutions. Students should also develop substantive knowledge about current trends in terrorism and counterterrorism. By the end of the term, students should be comfortable taking an intellectual stand about topics related to terrorism, defending their positions with evidence, engaging in self-critique, deriving actionable policy recommendations, and communicating those recommendations to both specialist and non-specialist audiences—particularly when the empirical record contrasts with the conventional wisdom. Course assignments are designed to enhance those skills.

Class Notes: **IR_subfield**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 1734

Ethics and War (160373)

Stephen Rosen

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

What is the origin, character, and impact of ethical constraints on war? The course will review major theoretical discussions of this subject in readings and lectures. Students will then engage in in-class debates on the ethical status of actions taken in war based on historical cases.

Class Notes: **IR_subfield**

Course Location: 61 Kirkland Street, Room 202.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Final Assessment Category	Three-hour Exam

Government 1735

Controlling the World's Most Dangerous Weapons (147213)

Matthew Bunn

William Tobey

2019 Fall (4 Credits) **Schedule:** TR 1015 AM - 1130 AM

Instructor Permissions: Instructor **Enrollment Cap:** 10

Preventing nuclear war is one of the truly existential challenges facing the human species -- but the danger is rising, as tensions among nuclear powers increase, nuclear agreements are challenged, and new technologies and arms competitions create new uncertainties. From Iran to North Korea, from U.S.-Russian and U.S.-Chinese nuclear competition to Syria's deadly chemical assaults, decisions about nuclear, chemical, and biological weapons can make the difference between war or peace and between safety or grave danger for people around the world. This course will give students an understanding of these weapons and the global efforts to prevent their use and control their spread. The course covers policy tools from treaties and diplomacy to sanctions and war. This year, particular attention will be paid to emerging great-power competition and its implications for deterrence and arms control. Students will learn to use an integrated, risk-informed approach to assessing policy options when difficult choices need to be made in the face of large uncertainties. This will help prepare students for careers dealing with choices about these deadly weapons.

Class Notes: **IR_subfield**

Offered at HKS as IGA 232.

Classroom Location: Belfer L1 Weil Town Hall(HKS).

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 1740

International Law and Institutions (118526)

Christoph Mikulaschek

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 80

An introduction to public international law for students of international relations. The primary purpose is to enhance students' understanding of the ways in which international law orders international politics. Emphasis is on the substantive rules of international law, the relationship between law and politics, and cases that illustrate the issues. Topics include international human rights law, international economic law and institutions, the use of force, war crimes, and terrorism.

Class Notes: **IR_subfield**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students

Government 1780

International Political Economy (111906)

Jeffry Frieden

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Analyzes the interaction of politics and economics in the international arena. Focuses on international trade, investment, monetary, and financial relations. Includes discussion of developed, developing, and formerly centrally-planned nations.

Class Notes: **IR_subfield**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Core Curriculum (old)	Social Analysis
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Social Sciences

Government 1796

Central Challenges of American National Security, Strategy, and the Press (113210)

Graham Allison

2019 Fall (4 Credits) **Schedule:** M 0415 PM - 0700 PM

Instructor Permissions: Instructor **Enrollment Cap:** 23

Using a series of case studies from the front page, and from the most urgent and important issues on the U. S. national security agenda, this course will engage students in grappling with the hardest American national security challenges of the decade ahead. Issues range from Russiagate and the economic and military rise of China to Iran, Syria and the continuing war on terrorism. Assignments require strategic thinking: analyzing dynamics of issues and developing strategies in a government whose deliberations are discombobulated by leaks, reports about internal differences among policymakers, and press analyses. Students will learn to devise strategies and write Strategic Options Memos as participants in the policymaking process. Strategic Options Memos combine careful analysis and strategic imagination, on the one hand, with the necessity to communicate to major constituencies in order to sustain public support, on the other. A major subtheme of the course explores coping with a world where a pervasive press makes secrecy more often the exception than the rule. In each case, there will be exploration of how media coverage affects decision making, with an examination of leaks about Russia's cyber intervention in the 2016 election, WikiLeaks, and the Snowden case as well as the revelations about drones and secret, American-led cyberattacks, and other examples of the publication of classified information.

Course Notes: **Offered jointly with the Kennedy School as IGA-211.**

Class Notes: **IR_subfield**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students

Government 2000

Introduction to Quantitative Methods I (118414)

Xiang Zhou

2019 Fall (4 Credits) **Schedule:** T 0900 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Graduate-level version of Government 1000. Meets with Government 1000, an introduction to statistical research in political science with a focus on applied linear regression. Will require extra homework and examination problems in addition to those for Government 1000.

Requirements: **Course open to Doctoral Students Only**

Additional Course Attributes:

Attribute	Value(s)
Quantitative Reasoning with Data	Yes
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Government 2000E

Introduction to Quantitative Methods I (127497)

Xiang Zhou

2019 Fall (4 Credits) **Schedule:** T 0900 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Essential elements of Gov. 2000. Meets with Government 2000 and provides an introduction to statistical research in political science with a focus on applied linear regression. Some of the statistical computing from Government 2000 will not be required.

Recommended Prep: **Permission of the instructor required for anyone other than Government Department graduate students.**

Requirements: **Course open to Doctoral Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 2002

Causal Inference (111530)

Kosuke Imai

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Substantive questions in empirical scientific and policy research are often causal. Does voter outreach increase turnout? Are job training programs effective? Can a universal health insurance program improve people's health? This class will introduce students to both statistical theory and practice of causal inference. As theoretical frameworks, we will discuss potential outcomes, causal graphs, randomization and model-based inference, sensitivity analysis, and partial identification. We will also cover various methodological tools including randomized experiments, regression discontinuity designs, matching, regression, instrumental variables, difference-in-differences, and dynamic causal models. The course will draw upon examples from political science, economics, education, public health, and other disciplines.

Recommended Prep: **Probability, Statistical theory, Linear models**

Requirements: **Prerequisite: STAT 110 AND STAT 111 AND STAT 139 or Gov 2000 AND Gov 2001**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 2003

Topics in Quantitative Methods (160566)

Kosuke Imai

Santiago Olivella Sierra

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course introduces social science students to applied Bayesian statistics. We will begin by introducing the Bayes' rule that allows us to learn from data in an intuitive and coherent way. We then cover a set of simple probabilistic models and cover powerful computational tools that will be used for the remainder of the course. Finally, we will learn the social science applications of Bayesian models including regression models, topic models, social network models, and dynamic models. The course will build everything up from the basic principles, only requiring the knowledge of elementary probability and statistics along with the familiarity with R programming.

Recommended Prep: **Gov 2000 or the equivalent or the permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Government 2005

Formal Political Theory I (110953)

William Clark

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A graduate seminar on microeconomic modeling, covering price theory, decision theory, social choice theory, and game theory.

Class Notes: **Faculty name: William Clark**

Requirements: **Course open to Doctoral Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Government 2006

Formal Models of Domestic Politics (116295)

Jon Eguia

2020 Spring (4 Credits) **Schedule:** T 0900 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** 20

An understanding of introductory game theory and basic mathematical tools is required. Topics covered include some combination of the following: electoral competition under certainty and uncertainty, special interest politics, veto players, coalitions, delegation, political agency, and regime change.

Requirements: **Prerequisite: Government 2005 AND for Doctoral Students only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students

Government 2009

Methods of Political Analysis (115860)

Peter Hall

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Covers the issues and techniques central to designing and researching a good dissertation, whether quantitative or qualitative, including principles of research design, case selection, comparison,

measurement, and causal relations, with many practical examples.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences

Government 2011

Graduate Practicum in Survey Research (110225)

Chase Harrison

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course is geared to graduate students who are designing an original survey. Assignments cover core aspects of survey design. By the end of the course, students should have produced a comprehensive research plan which can be implemented or submitted as part of a proposal to a funding agency.

Requirements: **Course open to Doctoral Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences

Government 2034

Ethics, Economics, and Law (124836)

Michael Sandel

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Explores controversies about the use of markets and market reasoning in areas such as organ sales, procreation, environmental regulation, immigration policy, military service, voting, health care, education, and criminal justice. The seminar will examine arguments for and against cost-benefit analysis, the monetary valuation of life and the risk of death, and the use of economic reasoning in public policy and law.

Course Notes: **Offered jointly with the Law School as LAW - 2076. Meets at the Law School. Open to GSAS students with permission of the instructor.**

Requirements: **Course open to Doctoral Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 2066

Theories of Ideology and False Consciousness (213533)

Michael Rosen

2020 Spring (4 Credits) **Schedule:** F 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Irrationality and self-deception are striking and troubling features of life in society. But how to understand them? This course will examine the theory of ideology as it developed in Marxist social thought before looking at some prominent recent accounts of false consciousness and its significance for politics.

Class Notes: **Class location K401 BUT on 4/24 K450.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 2071

Democratic Theory (206814)

Eric Beerbohm

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This seminar considers the justification of democracy, with a special focus on how political polarization challenges democratic institutions. Topics will include political equality, procedural fairness, majority and super-majority rule, representation, and the relationship between electoral campaigns and lawmaking

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 2072

Rousseau's Political Thought (119564)

Richard Tuck

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This course offers an opportunity to read Rousseau's writings on politics and to understand his intellectual development.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 2080

The Political Philosophy of Machiavelli (111536)

Harvey Mansfield

2019 Fall (4 Credits) **Schedule:** W 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Machiavelli's ambitious scheme of freedom and mastery in his wondrous presentation. The focus: a close reading of The Prince. Readings from other major works and several minor ones, plus Machiavelli scholarship.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 2105

Comparative Politics: Field Seminar (110818)

Torben Iversen

Melani Cammett

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Surveys topics in comparative politics (both the developed and the developing world), including the rise of the modern state; institutions of government; interest mediation; democracy and authoritarianism; revolution; political parties; mass and elite political behavior; political economy.

Requirements: **Course open to Doctoral Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences

Government 2148

Civil Society, West and East (114710)

Susan Pharr

Grzegorz Ekiert

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Focusing in particular on European and Asian settings, the seminar examines debates over what civil society is, notions of public space and social capital, and the role of civil society in political transitions.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 2176

Varieties of Capitalism and Social Inequality (124426)

Peter Hall

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Explores the political economies of the affluent democracies with some emphasis on Europe. How do welfare states and other institutional arrangements affect the dynamics of redistribution? What is the relationship between changes in electoral politics and the political economy? How is institutional change best understood?

Class Notes: **This course is co-taught by Professor Peter Hall and Dr. Kathleen Thelen.**

Class Notes: **COURSE LOCATION: CGIS K450, but K401 on 10/3.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Government 2213 Section: 01

Comparative Politics of Post-Socialism (156438)

Timothy Colton

Grzegorz Ekiert

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0200 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A research seminar designed to define an agenda for the comparative analysis of political developments among post-socialist systems. Emphasis placed on the formation of research proposals, methods of analysis, theory-building, and the presentation of comparative empirical research.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences

Government 2240

Comparative Political Institutions (203476)

Daniel Smith

2020 Spring (4 Credits) **Schedule:** R 0945 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This is a graduate-level introduction to the comparative study of political institutions and their impact on various aspects of political behavior. Topics include regime types, presidential and parliamentary forms of government, federalism, electoral systems, parties, and coalitions. Students will gain an understanding of the main concepts, approaches, and analytical tools needed to carry out their own independent research in this field.

Class Notes: **Class location K401 BUT on 2/6 S354.**

Requirements: **Course open to Doctoral Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students

Government 2260

Descriptive and Substantive Representation (214599)

Daniel Smith

2020 Spring (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This is a graduate-level seminar focused on the descriptive representation of groups in politics, and the consequences of representation for substantive policy outcomes. Topics include the representation of women, racial and ethnic minorities, LGBTQ+, religious groups, geographic regions, class interests, and other social divisions, and how to understand the sources of variation in representation across time and institutional contexts. Students will gain an understanding of the main concepts, approaches, and analytical tools needed to carry out their own independent research in this field.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences

Government 2285

Political Science and China (110836)

Elizabeth Perry

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This graduate seminar gives students control over the secondary literature on Chinese politics, with special attention to competing theoretical and methodological approaches.

Course Notes: **Requires background in contemporary Chinese history/politics.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences

Government 2305

American Government and Politics: Field Seminar (111410)

James Snyder

Stephen Ansolabehere

2020 Spring (4 Credits) **Schedule:** R 0900 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Designed to acquaint PhD candidates in Government with a variety of approaches that have proved useful in examining important topics in the study of American government and politics.

Requirements: **Course open to Doctoral Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences

Government 2312

Public Opinion (204539)

Stephen Ansolabehere

2019 Fall (4 Credits) **Schedule:** W 0900 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This class examines key questions in the study of public opinion, such as the role of knowledge and information, the stability of attitudes, and how public opinion shapes political decision making of leaders. The class also teaches students how to design and analyze public opinion surveys. During this class we will design, conduct and analyze 3 national sample surveys, using a professional survey firm.

Requirements: **Course open to Doctoral Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 2340B

Proseminar on Inequality and Social Policy II (156458)

Theda Skocpol

David Ellwood

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Deals with causes, consequences and possible remedies for economic inequality, including skill differences, discrimination, immigration, household composition, residential segregation, and the welfare state.

Course Notes: **Offered jointly with the Kennedy School as SUP 922. Offered every other year as Sociol 2296b. Open Inequality & Social Policy doctoral students who completed SUP-921 in the fall term.**

Class Notes: **Gov 2340b is taught by Professor Skocpol and Professor Ellwood.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Government 2372

Political Psychology (156523)

Ryan Enos

2020 Spring (4 Credits) **Schedule:** W 0800 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Government 2474

Approaches to the Study of the US Congress: Models and Methods (128008)

Kenneth Shepsle

James Snyder

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

In this seminar we survey and critically evaluate various models of Congressional politics. Special emphasis is given quantitative and modeling approaches to legislative organization, legislative process, congressional elections, legislative parties, House-Senate comparisons, and inter-branch politics. Students are expected to participate actively each week, complete several small writing assignments, and produce a research paper.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences

Government 2490

The Political Economy of the School (112949)

Paul Peterson

2019 Fall (4 Credits) **Schedule:** TR 0115 PM - 0230 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Identifies political and economic influences on education policy, expenditure levels, and governance. Examines classic and recent studies of selected school policies (class size, charters, vouchers, accountability, school organization, etc.), giving particular attention to research design and methodological issues as well as to theories and interpretations of institutions and processes.

Course Notes: **Background in statistics expected. Permission of instructor required for all undergraduates. Offered jointly with the Kennedy School as HLE-348. This course meets at Harvard Kennedy School.**

Class Notes: **Students outside of FAS/GSAS and HKS need instructor consent.**

Recommended Prep: **Government 1368, or permission of instructor. Offered jointly with HKS as SUP-448.**

Requirements: **Course open to Doctoral Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students

Government 2710

International Relations: Field Seminar (123375)

Alastair Johnston

2019 Fall (4 Credits) **Schedule:** R 0900 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

A survey of the field.

Course Notes: **Suitable for Government graduate students preparing for general examinations.**

Requirements: **Course open to Doctoral Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None

Government 2752

Strategic Models in International Relations (123597)

Stephen Chaudoin

2020 Spring (4 Credits) **Schedule:** T 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course focuses on canonical and recent theoretical models of conflict, cooperation, and exchange in international relations. We asses how these theories have successfully (or unsuccessfully) generated empirically accurate predictions about conflict and cooperation. We also ask how theories formalized with game theoretic models differed from their non-formal counterparts. This course focuses on theory, though we will also consider some empirical applications and the relationship between theoretical and empirical arguments. Formal I or an equivalent class is strongly recommended.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 2755

International Political Economy (121351)

Jeffry Frieden

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A graduate-level introduction to the theoretical and empirical literature on the political economy of international trade, monetary, regulatory, and investment policies.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students

All: Cross Reg Availability	Available for Harvard Cross Registration

Government 3000A Section: 002

Reading and Research (113694)

Stephen Ansolabehere

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS Divisional Distribution	None

Government 3000A Section: 002

Reading and Research (113694)

Stephen Ansolabehere

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Government 3000A Section: 003

Reading and Research (113694)

Eric Beerbohm

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course

FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 3000A Section: 004

Reading and Research (113694)

Thom Wall

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Government 3000A Section: 005

Reading and Research (113694)

Katrina Forrester

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Government 3000A Section: 005

Reading and Research (113694)

Eric Beerbohm

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Government 3000A Section: 006

Reading and Research (113694)

Matthew Blackwell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Government 3000A Section: 006

Reading and Research (113694)

Matthew Blackwell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Government 3000A Section: 007

Reading and Research (113694)

Daniel Carpenter

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Government 3000A Section: 007

Reading and Research (113694)

Daniel Carpenter

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Government 3000A Section: 008

Reading and Research (113694)

Timothy Colton

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 3000A Section: 008

Reading and Research (113694)

Timothy Colton

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Government 3000A Section: 009

Reading and Research (113694)

Stephen Chaudoin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Government 3000A Section: 010

Reading and Research (113694)

Grzegorz Ekiert

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Government 3000A Section: 010

Reading and Research (113694)

Grzegorz Ekiert

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Government 3000A Section: 011

Reading and Research (113694)

Ryan Enos

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Government 3000A Section: 011

Reading and Research (113694)

Ryan Enos

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Government 3000A Section: 012

Reading and Research (113694)

Jeffry Frieden

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None

FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 3000A Section: 012

Reading and Research (113694)

Jeffry Frieden

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Government 3000A Section: 013

Reading and Research (113694)

Claudine Gay

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Government 3000A Section: 013

Reading and Research (113694)

Claudine Gay

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Government 3000A Section: 014

Reading and Research (113694)

Peter Hall

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 3000A Section: 014

Reading and Research (113694)

Peter Hall

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Government 3000A Section: 015

Reading and Research (113694)

Jennifer Hochschild

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Government 3000A Section: 015

Reading and Research (113694)

Jennifer Hochschild

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Government 3000A Section: 016

Reading and Research (113694)

Torben Iversen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Government 3000A Section: 016

Reading and Research (113694)

Torben Iversen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Government 3000A Section: 017

Reading and Research (113694)

Alastair Johnston

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Government 3000A Section: 017

Reading and Research (113694)

Alastair Johnston

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Government 3000A Section: 018

Reading and Research (113694)

Joshua Kertzer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course

FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 3000A Section: 018

Reading and Research (113694)

Joshua Kertzer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Government 3000A Section: 019

Reading and Research (113694)

Gary King

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Government 3000A Section: 019

Reading and Research (113694)

Gary King

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Government 3000A Section: 020

Reading and Research (113694)

Horacio Larreguy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Government 3000A Section: 020

Reading and Research (113694)

Horacio Larreguy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 3000A Section: 021

Reading and Research (113694)

Steven Levitsky

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Government 3000A Section: 021

Reading and Research (113694)

Steven Levitsky

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Government 3000A Section: 022

Reading and Research (113694)

Harvey Mansfield

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 3000A Section: 022

Reading and Research (113694)

Harvey Mansfield

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Government 3000A Section: 023

Reading and Research (113694)

Eric Nelson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Government 3000A Section: 023

Reading and Research (113694)

Eric Nelson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 3000A Section: 024

Reading and Research (113694)

Elizabeth Perry

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course

FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 3000A Section: 024

Reading and Research (113694)

Elizabeth Perry

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 3000A Section: 025

Reading and Research (113694)

Paul Peterson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Government 3000A Section: 025

Reading and Research (113694)

Paul Peterson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Government 3000A Section: 026

Reading and Research (113694)

Susan Pharr

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Government 3000A Section: 026

Reading and Research (113694)

Susan Pharr

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 3000A Section: 027

Reading and Research (113694)

Thom Wall

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Government 3000A Section: 028

Reading and Research (113694)

Pia Raffler

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Government 3000A Section: 028

Reading and Research (113694)

Christina Davis

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Government 3000A Section: 029

Reading and Research (113694)

Michael Rosen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Government 3000A Section: 029

Reading and Research (113694)

Michael Rosen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Government 3000A Section: 030

Reading and Research (113694)

Stephen Rosen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Government 3000A Section: 030

Reading and Research (113694)

Stephen Rosen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None

FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 3000A Section: 031

Reading and Research (113694)

Kosuke Imai

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Government 3000A Section: 032

Reading and Research (113694)

Michael Sandel

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Government 3000A Section: 032

Reading and Research (113694)

Michael Sandel

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Government 3000A Section: 033

Reading and Research (113694)

Kenneth Shepsle

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Government 3000A Section: 033

Reading and Research (113694)

Kenneth Shepsle

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 3000A Section: 035

Reading and Research (113694)

Theda Skocpol

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Government 3000A Section: 035

Reading and Research (113694)

Theda Skocpol

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 3000A Section: 036

Reading and Research (113694)

Daniel Smith

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Government 3000A Section: 036

Reading and Research (113694)

Daniel Smith

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Government 3000A Section: 037

Reading and Research (113694)

James Snyder

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Government 3000A Section: 037

Reading and Research (113694)

James Snyder

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Government 3000A Section: 038

Reading and Research (113694)

Latanya Sweeney

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course

FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 3000A Section: 038

Reading and Research (113694)

Latanya Sweeney

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Government 3000A Section: 039

Reading and Research (113694)

Dustin Tingley

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 3000A Section: 039

Reading and Research (113694)

Dustin Tingley

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Government 3000A Section: 040

Reading and Research (113694)

Richard Tuck

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Government 3000A Section: 040

Reading and Research (113694)

Richard Tuck

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 3000A Section: 041

Reading and Research (113694)

Daniel Ziblatt

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Government 3000A Section: 041

Reading and Research (113694)

Daniel Ziblatt

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Government 3000A Section: 042

Reading and Research (113694)

Melani Cammett

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Government 3000A Section: 042

Reading and Research (113694)

Melani Cammett

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Government 3000A Section: 043

Reading and Research (113694)

Danielle Allen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Government 3000A Section: 043

Reading and Research (113694)

Danielle Allen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 3000A Section: 044

Reading and Research (113694)

Harvey Mansfield

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Government 3000A Section: 044

Reading and Research (113694)

Michael Hiscox

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Government 3000A Section: 045

Reading and Research (113694)

Michael Hiscox

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Government 3000A Section: 045

Reading and Research (113694)

Jon Rogowski

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Government 3000A Section: 046

Reading and Research (113694)

Yuhua Wang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Government 3000A Section: 046

Reading and Research (113694)

Jon Rogowski

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Government 3000A Section: 047

Reading and Research (113694)

Yuhua Wang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Government 3000A Section: 047

Reading and Research (113694)

Xiang Zhou

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Government 3000A Section: 048

Reading and Research (113694)

Xiang Zhou

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 3000A Section: 048

Reading and Research (113694)

Katrina Forrester

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Government 3000A Section: 049

Reading and Research (113694)

Stephen Chaudoin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Government 3000A Section: 049

Reading and Research (113694)

Christina Davis

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 3000A Section: 050

Reading and Research (113694)

Pia Raffler

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None

FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 3000A Section: 50

Reading and Research (113694)

Kosuke Imai

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work. Must be arranged with a professor listed under Government 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 3001

Approaches to the Study of Politics (127060)

Jeffry Frieden

2019 Fall (4 Credits) **Schedule:** M 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Graduate Seminar designed to introduce research questions and frontiers across political science.

Course Notes: **Restricted to first year Government graduate students - no exceptions**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Government 3002

Teaching and Communicating Political Science (143023)

Thom Wall

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This is a required course for Government PhD students who are teaching in the department for the first time (typically G3s). The course meeting five times in the fall semester. Between meetings, you will have the chance to apply what you learn through peer observation, having your section videotaped, and watching your section with the

Departmental Teaching Fellow. The ultimate goal of this course is to help you to become a good teacher and an effective speaker.

Course Notes: **Limited to and required of all first time teaching fellows in Government.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

Government 3003A

Direction of The Doctoral Dissertation (207729)

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Reading and Research. Individual work in preparation for the doctoral dissertation.

Course Notes: **Limited to candidates for the PhD in Government who are in residence and who are in good standing in the Graduate School.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course

Government 3003B

Direction of The Doctoral Dissertation (109957)

Thom Wall

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Reading and Research. Individual work in preparation for the doctoral dissertation.

Course Notes: **Limited to candidates for the PhD in Government who are in residence and who are in good standing in the Graduate School.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course

Government 3004A

Research Workshop in American Politics (123991)

Stephen Ansolabehere

Jon Rogowski

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A forum for the presentation and discussion of research in progress by graduate students (second year and above) , faculty, and visiting scholars. Anyone working on contemporary American politics or on US political development welcome. Occasional presentations by invited speakers. Part one of a two part series; students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Class Notes: **COURSE LOCATION: CGIS K354, but S153 on 12/3.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
Full Year Course	Indivisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Government 3004B

Research Workshop in American Politics (159811)

Jennifer Hochschild

Stephen Ansolabehere

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A forum for the presentation and discussion of research in progress by graduate students (second year and above), faculty, and visiting scholars. Anyone working on contemporary American politics or on US political development welcome. Occasional presentations by invited speakers. Part two of a two-part series; students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Search Attributes	Display Only in Course Search
FAS Divisional Distribution	None
Full Year Course	Indivisible Course
FAS: Course Level	Graduate Course

Government 3005A

Research Workshop in International Relations (107770)

Alastair Johnston

Christina Davis

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Research workshop for advanced graduate students working on dissertation proposals in international relations. Part one of a two part series; students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Class Notes: **COURSE LOCATION: CGIS K354, but K450 on 11/21.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Indivisible Course
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Government 3005B

Research Workshop in International Relations (159813)

Christina Davis

Alastair Johnston

2020 Spring (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Research workshop for advanced graduate students working on dissertation proposals in international relations. Part two of a two part series; students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Class Notes: **Class location K401 BUT on 2/6 K050 (12-1:30pm)**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Indivisible Course
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Graduate Course

Government 3006A

Research Workshop in Comparative Politics (125452)

Torben Iversen

Yuhua Wang

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The workshop offers advanced graduate students an opportunity to present their work-in-progress, benefit

from critiques of it, and discuss theoretical and methodological issues. Part one of a two part series. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Doctoral students from other departments and faculties admitted if space permits.**

Class Notes: **COURSE LOCATION: CGIS K262, but K354 on 11/21.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
Full Year Course	Indivisible Course

Government 3006B

Research Workshop in Comparative Politics (159814)

Yuhua Wang

Torben Iversen

2020 Spring (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The workshop offers advanced graduate students an opportunity to present their work-in-progress, benefit from critiques of it, and discuss theoretical and methodological issues. Part two of a two part series. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Doctoral students from other departments and faculties admitted if space permits.**

Class Notes: **Class location K354 BUT 2/6 S001.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
Course Search Attributes	Display Only in Course Search
Full Year Course	Indivisible Course

Government 3007A

Research Workshop in Political Economy (127704)

Kenneth Shepsle

Dustin Tingley

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Intended for graduate students in the third year and above, this course welcomes scholarship of all types and on all aspects of political economy. Intended to provide a venue in which to develop and to debate work in progress. Part one of a two-part course; students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Indivisible Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Government 3007B

Research Workshop in Political Economy (159968)

Kenneth Shepsle

Dustin Tingley

2020 Spring (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Intended for graduate students in the third year and above, this course welcomes scholarship of all types and on all aspects of political economy. Intended to provide a venue in which to develop and to debate work in progress. Part two of a two-part series; students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Indivisible Course
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Available for Harvard Cross Registration

Government 3008A

Research Workshop in Political Theory (121718)

Michael Rosen

Richard Tuck

2019 Fall (4 Credits) **Schedule:** W 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
Full Year Course	Indivisible Course

FAS Divisional Distribution	None

Government 3008B

Research Workshop in Political Theory (159969)

Richard Tuck

Michael Rosen

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Indivisible Course
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Government 3009A

Research Workshop in Applied Statistics (111844)

Kosuke Imai

Xiang Zhou

2019 Fall (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A forum for graduate students, faculty, and visiting scholars to present and discuss work in progress. Features a tour of Harvard's statistical innovations and applications with weekly stops in different disciplines. Occasional presentations by invited speakers. Part one of a two-part series; students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Class Notes: **Additional Faculty Sponsors: Alberto Abadie, (Public Policy, Harvard), Matthew Blackwell (Government, Harvard), Finale Doshi-Velez (Computer Science, Harvard), Gary King (Government, Harvard), James Robins (Public Health, Harvard), Donald Rubin (Statistics, Harvard), Tyler VanderWeele (Public Health, Harvard), Christopher Winship (Sociology, Harvard).**

Class Notes: **COURSE LOCATION: CGIS K354, but K031 on 9/18.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Indivisible Course
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Government 3009B

Research Workshop in Applied Statistics (159970)

Kosuke Imai

Gary King

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A forum for graduate students, faculty, and visiting scholars to present and discuss work in progress. Features a tour of Harvard's statistical innovations and applications with weekly stops in different disciplines. Occasional presentations by invited speakers. Part two of a two-part series; students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Class Notes: **Additional Faculty Sponsors: Alberto Abadie, (Public Policy, Harvard), Matthew Blackwell (Government, Harvard), Finale Doshi-Velez (Computer Science, Harvard), James Robins (Public Health, Harvard), Donald Rubin (Statistics, Harvard), Tyler VanderWeele (Public Health, Harvard), Christopher Winship (Sociology, Harvard).**

Class Notes: **Class location K354 from 12-2:45pm BUT on 1/29, 2/12, 2/26, and 4/29 K354 from 12-1:30pm**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
Full Year Course	Indivisible Course
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Available for Harvard Cross Registration

Graduate School of Arts and Sciences

Subject: Graduate School of Arts and Sc

Graduate School of Arts and Sc 299

Introduction to Graduate School: Skills and Practices for Scholarly Success (213514)

Robin Bernstein

2019 Fall (4 Credits)		**Schedule:**	M 0600 PM - 0845 PM
Instructor Permissions:	Instructor	**Enrollment Cap:**	30

The course trains graduate students in the humanities and social sciences in fundamental skills that lead to scholarly success. Students learn to read journal articles swiftly and with high comprehension and retention, to write clear and persuasive prose, to teach effectively, and to identify and apply for grants. The course also leads students through a process by which they orient themselves to the major journals, scholarly organizations, and conferences in their respective disciplines. During the semester, each student produces a series of documents of direct, practical value: a polished academic C.V., a Harvard Scholar website, an Individual Development Plan, and a syllabus, among others.

Course Notes: **Course is only open to doctoral students in the Social Sciences and Arts and Humanities.**

Requirements: **GSAS Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Graduate Students

Health Policy

Subject: Health Policy

Health Policy 2000A

Core Course in Health Policy (113988)

Joseph P. Newhouse

Richard Frank

Alan Zaslavsky

2019 Fall (4 Credits) **Schedule:** TR 0415 PM - 0600 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Topics include political analysis, public health, health ethics and law, quality of care, vulnerable populations, research methods, and health economics. Part one of a two-part series.

Course Notes: **Required of doctoral candidates in Health Policy and open to others by permission of the instructor. Offered jointly with the Kennedy School as SUP-957 and with Public Health as HPM 246A.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
Full Year Course	Divisible Course
FAS Divisional Distribution	Social Sciences

Health Policy 2000B

Core Course in Health Policy (159614)

Joseph P. Newhouse

Richard Frank

Alan Zaslavsky

2020 Spring (4 Credits) **Schedule:** TR 0415 PM - 0600 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Topics include political analysis, public health, health ethics and law, quality of care, vulnerable populations, research methods, and health economics. Part two of a two-part series.

Course Notes: **Required of doctoral candidates in Health Policy and open to others by permission of the instructor. Offered jointly with the Kennedy School as SUP-958 and with Public Health as HPM 246B.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course

FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences

Health Policy 3000

Reading and Research (112764)

Robert Blendon

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration
No FAINFO	300 or 3000 level class, do not generate FAINFO

Health Policy 3000

Reading and Research (112764)

Robert Blendon

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences

Health Policy 3000 Section: 004

Reading and Research (112764)

David Cutler

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

Health Policy 3000 Section: 004

Reading and Research (112764)

David Cutler

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

Health Policy 3000 Section: 006

Reading and Research (112764)

Robert Huckman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

Health Policy 3000 Section: 006

Reading and Research (112764)

Robert Huckman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences

Health Policy 3000 Section: 010

Reading and Research (112764)

Mary Beth Landrum

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

Health Policy 3000 Section: 010

Reading and Research (112764)

Mary Beth Landrum

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

Health Policy 3000 Section: 012

Reading and Research (112764)

John McWilliams

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Health Policy 3000 Section: 012

Reading and Research (112764)

John McWilliams

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration

FAS: Course Level	Graduate Course

Health Policy 3000 Section: 013

Reading and Research (112764)

Joseph P. Newhouse

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

Health Policy 3000 Section: 013

Reading and Research (112764)

Joseph P. Newhouse

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences

Health Policy 3000 Section: 022

Reading and Research (112764)

Jane Kim

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences

Health Policy 3000 Section: 023

Reading and Research (112764)

Jane Kim

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course

Health Policy 3001

Coursework and Research (208354)

2020 Spring (2 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Student is engaged in coursework and/or non-dissertation research.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course

Health Policy 3001

Coursework and Research (208354)

2019 Fall (2 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Student is engaged in coursework and/or non-dissertation research.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Health Policy 3003

Teaching (210876)

2020 Spring (2 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Student is engaged in teaching.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course

Health Policy 3003

Teaching (210876)

2019 Fall (2 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Student is engaged in teaching.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

Health Policy 3004

Dissertation Research (210877)

2019 Fall (2 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

For students engaged in dissertation research.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

Health Policy 3004

Dissertation Research (210877)

2020 Spring (2 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

For students engaged in dissertation research.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Health Policy 3020

Graduate Reading Course: Political Analysis (112732)

Robert Blendon

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Graduate research course covering major topics in health politics and survey research. This course is designed to help students in the Political Analysis track of the Health Policy PhD program prepare for their concentration exam.

Course Notes: **Offered in alternate years.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Health Policy 3040

Research in Seminar in Health Policy (207863)

Laura Hatfield

Anupam Jena

2020 Spring (2 Credits) **Schedule:** T 1030 AM - 1130 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Students in the third year and above present dissertation research in progress.

Requirements: **Health Policy PhD students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Health Policy 3040

Research in Seminar in Health Policy (207863)

Laura Hatfield

Anupam Jena

2019 Fall (2 Credits) **Schedule:** T 1030 AM - 1130 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Students in the third year and above present dissertation research in progress.

Requirements: **Health Policy PhD students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences

Health Policy 3070

Graduate Reading Course: Economics (119673)

Thomas McGuire

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 10

Graduate reading course covering major topics in health economics and policy for health policy research. This course is designed to help students in the Economics track of the Health Policy PhD program prepare for their concentration exam.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Health Policy 3080A

Graduate Reading Course: Methods for Policy Research (119678)

Mary Beth Landrum

John McWilliams

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Graduate reading course covering major topics in study design and quantitative research methods for health policy research. This course is designed to help students in the Methods for Policy Research track of the Health Policy PhD program prepare for their concentration exam. Part one of a two-part series.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
Full Year Course	Divisible Course
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Health Policy 3080B

Graduate Reading Course: Methods for Policy Research (160640)

Mary Beth Landrum

John McWilliams

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Graduate reading course covering major topics in study design and quantitative research methods for health policy research. This course is designed to help students in the Methods for Policy Research track of the Health Policy PhD program prepare for their concentration exam. Part two of a two-part series.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
Full Year Course	Divisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

History

Subject: History

History 12A Section: 01

Communal Life through the Ages: Monasteries, Cults & Collectives (213264)

Claire Adams

2020 Spring (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This seminar examines the global history of communal life from the ancient world to the present. We take an expansive interpretation of what constitutes communal life: we examine not only the phenomena of monasteries and communes, but also socialist utopias and labor towns. What these have in common is a desire to separate themselves from contemporary society. We discuss how different communities dealt with the material realties of food production and shelter, together with each community's proposed ideals, be they religious, social, or political.

Class Notes: **Head Instructor: Claire Adams**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

History 12B Section: 01

Identity before Identity Politics: America in the Progressive Era (213259)

Abigail Modaff

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

What is an American? How did we end up with the assumptions about race, gender, and national origin that we have today? What does it mean to be "progressive," and has Progressivism historically been a force for inclusion or for exclusion? This course explores ideas about difference, identity, and American belonging in the "Progressive Era" (1877-1924). This time of continent-wide activism spawned the intellectual, legal, and social structures that defined the twentieth century and still shape our present moment. Students will consider how the "Progressives"—and their critics—understood identity and difference in a time of conflict, inequality, and change.

Class Notes: **Head Instructor: Abigail Modaff**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

History 12C Section: 01

Out of the Vault: Material Culture and Harvard's Collections (213388)

Caitlin Hopkins

2020 Spring (4 Credits) **Schedule:** M 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Harvard's libraries and museums house extensive collections of objects from around the world. Why did Harvard collect these things? What did they mean to the people who collected them? What do they mean now? In this seminar, we will use a hands-on, material culture studies approach to examine the history of university museums. This will include class sessions held in museums and archives to meet with curators and examine artifacts, including objects that are not normally on display to the public. Throughout, this course will interrogate collections and exhibitions with attention to concepts like colonialism, nationalism, racism, commodification, and historical memory.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

History 12D Section: 01

Histories of the Third World: Asia, Africa, and Internationalism (213260)

Ruodi Duan

2020 Spring (4 Credits) **Schedule:** R 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This seminar explores the rich history of interchange, solidarities, and conflicts within the Third World. This story takes us from Paris in the 1920s, where Asian and African anti-colonial nationalists worked alongside each other, to Oakland in the 1970s, where the Black Panther Party believed that the fortunes of Third World liberation and the U.S. black freedom struggle were entwined. In examining the conceptual rise and pragmatic limits of the Third World, we will grapple with some of the most important political currents of the twentieth century: decolonization, Marxism, black internationalism, Afro-Asianism, and competing visions of international development.

Class Notes: **Head Instructor: Ruodi Duan**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

History 13C Section: 01

St. Louis from Lewis and Clark to Michael Brown (159640)

Walter Johnson

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

St. Louis was the epicenter of American empire in the nineteenth century: the point of embarkation for Lewis and Clark; the military headquarters for U.S. Indian wars. It was likewise central to the history of slavery: from the Missouri Compromise to Dred Scott. The city's intertwining of the history of empire and race continued through the twentieth century in its prominent role in the defense industry as well as the history of segregation, urban "redevelopment," and police violence. How does the global capitalist and imperialist history of St. Louis relate to its recalcitrant inequality, structural racism, and endemic violence?

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History 13T Section: 01

Women in Economic Life (207010)

Emma Rothschild

2019 Fall (4 Credits) **Schedule:** M 0345 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Examines the economic lives of women in different historical periods and places. Considers legal, literary, statistical and other sources. Will also explore the place of women in the history of economic thought. Students will prepare individual research projects, and are encouraged to undertake original research using primary sources.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History 14D Section: 01

From the Belle Époque to the Third Reich: Culture and Aesthetics in France and Germany, c. 1880–1945 (205253)

Carla Heelan

2020 Spring (4 Credits) **Schedule:** W 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This seminar explores French and German culture in comparative perspective, from the last two decades of the nineteenth century through the end of World War II. In this course we will consider culture and aesthetics broadly conceived, from formal artistic and intellectual movements, to institutions, and customs. We will examine a range of primary sources in historical context in order to ask why French and Germans believed that culture was vital to understanding the transformative era in which they lived. Students should expect rigorous discussions that question the historical and ongoing dynamic between culture and power.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History 14L Section: 01

The Crisis of Social Democracy: Its History and its Future (212654)

James Kloppenberg

E. J. Dionne

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Social democracy, which in the US has been associated with the left-wing of the Democratic Party, has attracted non-communist leftists around the world for over a century. Securing equal participation for all persons in political, economic, and social decision-making has been the aim of social democrats. Will social democracy--and the regulated capitalist welfare states it created--survive, or give way to autocracy, ethnic and national exclusion, and/or neoliberal globalism? Students will read and discuss primary and secondary sources and write research papers on the past or the present of social democracy.

Course Notes: **This course will be lotteried. This course is also offered through the Social Studies Department as SOC-STD 96SD. Credit may be earned for either History 14L or SOC-STD 96SD, but not both.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences

History 14M Section: 01

"Black Indians": The Making of an Identity (212655)

Tiya Miles

2019 Fall (4 Credits)		**Schedule:**	W 1200 PM - 0200 PM
Instructor Permissions:	Instructor	**Enrollment Cap:**	15

This seminar will explore intersections in African American and Native American histories with an emphasis on pivotal moments in the shaping of a modern identity referred to as "Black Indian." Students in this seminar will explore and analyze historical contexts and contingencies leading to thick interactions between people of African descent and indigenous Americans as well as experiential testimony by individuals asserting mixed race and/or bi-cultural Afro-Native identities. During our time together, students will discover not only the impact that black and native peoples have had on one another, but also the impact they (and ideas about them) have had on the development and sustainment of an American national identity.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

History 14N Section: 01

The Uses and Abuses of the Past: History in American Public Life (212684)

Lizabeth Cohen

2020 Spring (4 Credits)		**Schedule:**	W 0300 PM - 0500 PM
Instructor Permissions:	Instructor	**Enrollment Cap:**	15

The American public learns its nation's history through many venues, most of them outside of the traditional history classroom. Different formats and media lend themselves to different historical interpretations. And many of those interpretations also reflect concerns of the present moment, held by people with varying social and political orientations, as much as understandings of the past. Thus, a nation's history is always being constructed in different ways, at different times, by different narrators, resulting frequently in a contested national story. This seminar will probe how American history is conveyed to the public through various formats and forums and with conflicting agendas that shape historical analyses and public memory. We will examine museum exhibitions, historic sites and reenactments, public memorials, documentary film and photography, oral histories, and popular movies and theatrical productions. Using three key periods of history as our focus—the founding of the United States from early conquest and settlement though the colonial era to the Revolutionary War; slavery and the Civil War; and the civil rights movement and the Vietnam War—we will grapple with differences of historical interpretation, the primary sources they are based on, and their meaning and impact in the present. At the end of the course, students will develop their own public history projects, which can range from research papers to original examples of public history, such as planning an exhibition, making a documentary film or podcast, creating a well-researched walking tour or piece of historical performance, or undertaking an oral history project. All final projects should

make use of primary and secondary materials.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

History 14O Section: 01

A Global History of Modern Jewish Migration (212657)

Rebecca Kobrin

2019 Fall (4 Credits) **Schedule:** W 0345 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

The objective of this course is to explore the history of Jewish migration in various regions since 1800. It also aims to ask the underlying question about the comparative study of Jewish life. Does comparative analysis help one think more critically about social groups, such as Jews? Does a comparative view of Jewish migration and adaptation help us understand the social processes of migration and acculturation more fully? What can the history of Jewish migration tell us about the larger phenomenon of global movements and nation states in the last two centuries?

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

History 14Q Section: 01

Amsterdam: A Global History (212672)

Pepijn Brandon

2020 Spring (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Amsterdam has long held an iconic status as a global city: beacon of religious tolerance; center of trade, arts and sciences; migrant city; and modern countercultural flashpoint. However, Amsterdam also evokes a different type of global history. It launched colonization projects from New Amsterdam/New York to Batavia/Jakarta. It controlled Dutch involvement in trans-Atlantic slavery. Today, Amsterdam has become an example for the inequalities produced by neoliberal city government and the global tourism boom. In this course, students will learn about this many-sided history, and through the lens of Amsterdam will attain a deeper grasp of Global History and Urban History.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

All: Cross Reg Availability	Available for Harvard Cross Registration

History 14S Section: 01

Genocide, War Crimes Trials, and Human Rights in the Twentieth Century (212861)

Brandon Bloch

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

When does an act of state violence count as a "genocide" or "crime against humanity"? Do perpetrators of mass violence deserve a fair trial? Who should prosecute egregious violations of international law? This seminar explores these questions, and many others, by examining the international tribunals created following the Armenian genocide, the Holocaust, and genocides in Cambodia, Rwanda, and Yugoslavia. We will investigate how these trials shaped ideas about human rights and humanitarian intervention, and why they so often proved controversial. Throughout, we analyze the relationship between justice, politics, and law, and the relevance of twentieth-century war crimes trials for today.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History 14T Section: 01

My Country Right or Wrong? Nationalism in the Modern World (212862)

Derek Penslar

2019 Fall (4 Credits) **Schedule:** R 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

President Trump has said that he is a "nationalist." What does this word mean, and why does its use provoke controversy? This course answers these questions via an analysis of nationalist ideas and movements throughout the world over the past 250 years. We will trace nationalism's origins in pre-modern identities, liberal and revolutionary forms of nationalisms in the nineteenth and twentieth centuries, nationalisms' relationship with religion, race, and gender, the apparent decline of nationalism in the late twentieth century, and its abrupt return to center stage in our own era. Requirements include a 15-page research essay.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

History 14U Section: 01

The Political Thought of Christendom (212947)

James Hankins

Eric Nelson

2019 Fall (4 Credits) **Schedule:** M 0345 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

The establishment of Christianity as the state religion of the Roman Empire in the fourth century created a series of distinctive political problems that continued to shape Western ideas about government and religious belief down to modern times. This course concentrates on Christian political thought from the conversion of the emperor Constantine to the Reformation. We will look at problems such as the relationship between political and religious authority, religious pluralism in Christian societies, the morality of economic life, regime theory, popular sovereignty, the scope of the political, and the impact of Christian theology on political concepts such as freedom, equality, tyranny, and legitimacy. Readings in Augustine of Hippo, Thomas Aquinas, William of Ockham, Bartolus of Sassoferrato, Marsilius of Padua, Erasmus and Martin Luther.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

History 14V Section: 01

Walter Benjamin (212897)

Peter Gordon

2019 Fall (4 Credits) **Schedule:** W 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

In the eighty years since his death, the German cultural theorist and literary critic Walter Benjamin has become an indispensable resource for thinking about what it means to be modern. In this conference course, we will explore his theoretical legacy, with an emphasis on his analysis of modern experience and the nature of urban life, as found in his studies of Paris, namely, the 'Arcades Project.' We will also consider details of his biography, and the controversies surrounding his intellectual legacy, namely, whether he was in any sense thinker of the Jewish tradition, and in what ways he aligns with or departs from the canon of Western Marxism.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

History 74N Section: 01

U.S. History: Major Themes in the Twentieth Century (125517)

Lisa McGirr

2020 Spring (4 Credits) **Schedule:** M 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

The twentieth-century United States is a vibrant and flourishing field of historical study. The goal of this seminar is to introduce students to the central questions, problems and debates in the history of the "American century." Students will learn how the literature of history has developed through reading both older and newer approaches. Readings focus on questions of politics, political culture, the state and social life. The course is both thematic and chronological (as well as necessarily selective). Students are expected to prepare well for seminar and to participate actively in discussion. Each class will begin with a brief introduction to the readings (no more than five minutes) by a member of the seminar. The idea here is for one student to take special responsibility for leading discussion, raising questions and problems posed by the reading.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

History 82F Section: 01

The Origins of the Cold War: The Yalta Conference (1945) (124495)

Serhii Plokhii

2020 Spring (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

The Yalta Conference is analyzed in the context of the long-term geostrategic goals of the United States, the United Kingdom, and the USSR. Special attention is paid to psychological and cultural aspects of the negotiating process.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

History 83A Section: 01

Markets and States: The History of Economic Thought Since 1750 (121621)

Emma Rothschild

2019 Fall (4 Credits) **Schedule:** T 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Examines the history of various kinds of economic thought, including 18th century laissez-faire political economy and late 19th century theories of economic and social reform. Will consider writings in different media from scientific theories to economic periodicals. Students will prepare individual research projects.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

History 84G Section: 01

Harvard and Slavery (110365)

Sven Beckert

2020 Spring (4 Credits) **Schedule:** W 0345 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Will explore the links between Harvard and slavery during the first 229 years of the university's history. Students will write original research papers on various aspects of the history of Harvard University and slavery, including how resources extracted from slave labor benefited the university, the ways Harvard administrators and faculty supported or struggled against the institution of slavery, and what kinds of links the university built to slaveholders.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

History 84H Section: 01

The Northern Side of the Civil Rights Movement (123222)

Evelyn Brooks Higginbotham

2019 Fall (4 Credits) **Schedule:** T 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Examines the movement for racial equality outside the South from the 1940s and into the early 1970s, and will examine integrationist efforts, as well as competing ideologies of black power through weekly urban case studies.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

History 91R

Supervised Reading and Research (110758)

Lisa McGirr

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Limited to juniors and seniors. Students wishing to enroll must petition the DUS for approval, stating the proposed project, and must have the consent of the proposed instructor. Ordinarily, students are required to have taken some course work as background for their project.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History 91R

Supervised Reading and Research (110758)

Lisa McGirr

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Limited to juniors and seniors. Students wishing to enroll must petition the DUS for approval, stating the proposed project, and must have the consent of the proposed instructor. Ordinarily, students are required to have taken some course work as background for their project.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

History 92R

History Lab (109759)

Gabriel Pizzorno

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

History Lab offers History concentrators and other students a chance to spend a semester working with History faculty on faculty research projects. Outcomes will include familiarity with a range of digital tools for research and data visualization and insights on how to design and execute a major research project. Please consult the course's Canvas site for details and a list of the projects offered this term.

Class Notes: **Fall 2019 Project: Tracing U.S. Immigration History from Imperialism to Globalization.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History 92R

History Lab (109759)

Gabriel Pizzorno

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

History Lab offers History concentrators and other students a chance to spend a semester working with History faculty on faculty research projects. Outcomes will include familiarity with a range of digital tools for research and data visualization and insights on how to design and execute a major research project. Please consult the course's Canvas site for details and a list of the projects offered this term.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

History 97B Section: 01

"What is Intellectual History?" (109927)

Ann Blair

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Intellectual historians study almost every period, place, and theme in human history: from classical times to the present, from Asia to the Americas, by examining philosophy and religion, social and political thought, literature and art, and other expressions of human agency and intention that range from ancient epics to graphic novels. This section will draw examples from a wide range of moments and regions to ask how intellectual history has developed as a field, what methods it uses, and how it can be distinguished from other forms of history even as it informs debates of interest to all historians.

Course Notes: **Required of all History concentrators in the spring term of their sophomore year and open to all secondary field students.**

Class Notes: **This course may not be audited or taken Pass/Fail. It enrolls prior to shopping period through the History concentration. Please contact the DUS in History if you wish to enroll without being a concentrator in History.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

History 97D Section: 01

"What is Environmental History?" (109929)

Sunil Amrith

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This section gives new History concentrators an introduction to environmental history. Most historians leave the natural world out of the story, but environmental historians regard nature as the inescapable context for human history, including the human impact on nature. We will explore how the histories of the environment and of humans can (and perhaps should) be written together. Is there a "natural archive" which historians can consult in parallel with conventional libraries and archives? Do places have "biographies," just as people do? Can natural entities (mountains, dogs, rivers, microbes, climate) have "agency" in the same way human actors can?

Course Notes: **Required of all History concentrators in the spring term of their sophomore year and open to all secondary field students.**

Class Notes: **This course may not be audited or taken Pass/Fail. It enrolls prior to shopping period through the History concentration. Please contact the DUS in History if you wish to enroll without being a concentrator in History.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

History 97J Section: 01

"What is Family History?" (160421)

Jane Kamensky

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Every family has a history; every past actor had a family. This section investigates the practices and purposes of family history. We will explore primary sources such as diaries, child-rearing manuals, and portraits, and survey methods ranging from demography to cultural history to biography. Our topics will include the "invention" of childhood, the meanings of marriage, and the relationship between the household and the state. In addition to tracing the contours of family life across a wide array of times and places, we will investigate the ebbs and flows of family history itself, including the worldwide boom in

amateur genealogy today.

Course Notes: **Required of all History concentrators in the spring term of their sophomore year and open to all secondary field students.**

Class Notes: **This course may not be audited or taken Pass/Fail. It enrolls prior to shopping period through the History concentration. Please contact the DUS in History if you wish to enroll without being a concentrator in History.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

History 97L Section: 01

"What is Atlantic History?" (204987)

Mary Lewis

2020 Spring (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

We live in a world of intense exchange across borders and seas, yet most history is still taught from a national or regional perspective. By studying inter-regional developments of societies around the Atlantic Ocean, we will examine how the histories of Europe, North America, Latin America and Africa are intertwined. What methods have historians used to study the trade, migration, inter-imperial competition and revolutionary upheaval that together have helped create an "Atlantic World"? Topics include trade in commodities and slaves, the Atlantic and Haitian Revolutions, and the ecological impact of exchange, among other themes.

Course Notes: **Required of all History concentrators in the spring term of their sophomore year and open to all secondary field students.**

Class Notes: **This course may not be audited or taken Pass/Fail. It enrolls prior to shopping period through the History concentration. Please contact the DUS in History if you wish to enroll without being a concentrator in History.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration

History 97M Section: 01

"What is International History?" (207519)

Erez Manela

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Relations between states define some of the most important aspects of human history, including major wars, trade relations, and movements of people, ideas, and cultural productions. States, of course, have been important actors in this history, but so have other types of actors, such as international organizations, NGOs, missionary groups, philanthropic foundations, and transnational movements. In this course, we will explore major events, themes, and approaches in international history, all with the goal of better understanding how international interactions have shaped human history and experiences across time.

Course Notes: **Required of all History concentrators in the spring term of their sophomore year and open to all secondary field students.**

Class Notes: **This course may not be audited or taken Pass/Fail. It enrolls prior to shopping period through the History concentration. Please contact the DUS in History if you wish to enroll without being a concentrator in History.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration

History 99A

Senior Thesis Tutorial (116853)

Carla Heelan

2019 Fall (4 Credits) **Schedule:** W 0600 PM - 0845 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Researching and writing the senior thesis in History. Part one of a two-part series.

Course Notes: **Required of, and ordinarily limited to, seniors completing the History concentration's thesis program. Permission must be obtained from the Tutorial Office.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration
Full Year Course	Divisible Course

History 99B

Senior Thesis Tutorial (159975)

Carla Heelan

2020 Spring (4 Credits) **Schedule:** W 0600 PM - 0845 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Researching and writing the senior thesis in History. Part two of a two-part series.

Course Notes: **Required of, and ordinarily limited to, seniors completing the History concentration's thesis program. Permission must be obtained from the Tutorial Office.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

History 1001 Section: 01

The War in Vietnam (205257)

Fredrik Logevall

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The struggle for Vietnam occupies a central place in the history of the 20th century. How did it happen? Why did first France and then the United States wage large-scale war there, and why did both powers fail in their effort to subdue the revolutionary Vietnamese forces? And what is the legacy of the struggle for our world and for U.S. foreign policy today? This course examines these and related questions, with particular attention to the long period of direct American involvement. The events will be considered in their relationship to Vietnam's history, to American politics and society, and to the concurrent Cold War.

Course Notes: **This course is jointly-offered with the Kennedy School as IGA-291. The enrollment for HKS students is 10.**
No prior college level History is required or assumed. Students seeking to fulfill their Social Sciences distribution requirement and freshmen welcome.

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

History 1002 Section: 01

The 20th Century United States: Politics, Society, Culture (212669)

Lisa McGirr

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course charts key developments in the history of the 20th century United States beginning with United States emergence as a leader of global capitalism. Topics include World War I, twenties culture wars, the New Deal, World War II, the Cold War, sixties social movements, neo-liberalism, and the rise of mass incarceration. The contest over the meaning of American freedom at all levels of American society□from Congressional debates to the picket line□forms a central theme. The course includes discussion of high and low politics, political economy, and shifting patterns of culture. The course has two goals: First, to provide the foundational knowledge about past political struggles that will help students understand the roots of issues still wrestled with today; and second to introduce students to historical thinking and interpretation through the analysis of primary and secondary sources. No prerequisites are required and the course is open to all undergraduates.

Course Notes: **No prior college level History is required or assumed. Students seeking to fulfill their Social Sciences distribution requirement and freshmen welcome.**

Class Notes: **See our website or syllabus for course office hours. Office hours are subject to change.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences

History 1003 Section: 01

(Un)Happy Days: The United States in the Great Depression and New Deal (207524)

Brett Flehinger

2019 Fall (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course studies the social, political, and cultural consequences of the most profound economic collapse in American history, the Great Depression. We place the New Deal in broader context, tracing Liberalism across the Nineteenth Century and through the Great Society and Civil Rights Movement.

Class Notes: **No prior college level History is required or assumed. Students seeking to fulfill their Social Sciences distribution requirement and freshmen welcome.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

History 1004 Section: 01

Modern Europe, 1789 to the Present (207529)

Brandon Bloch

2019 Fall (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This survey course explores the political, social, economic, and cultural history of Europe from the French Revolution to the present. Topics include agricultural, commercial and industrial development; demographic change and social stratification; mass migration, trade and globalization; religion and political ideology; monarchies, republics and empires; war, peace and revolution. Throughout the period that this course covers, European history became increasingly hard to separate from its global dimensions, and the syllabus reflects that.

Course Notes: **No prior college level History is required or assumed. Students seeking to fulfill their Social Sciences distribution requirement and freshmen welcome.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History 1009 Section: 01

The Making of the Modern Middle East (212665)

Rosie Bsheer

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

How was the region of North Africa and West Asia between the Atlantic and Central Asia constructed, physically and discursively, as "the Middle East"? What were the major local, regional, and global events that have most profoundly affected the political, social, cultural, and intellectual realities of the region since the mid-eighteenth century? Throughout the semester, we will draw on interdisciplinary readings to think critically about these and related questions about the challenges of studying the modern Middle East, the politics of modernity, Ottoman reform, the formation of modern nation states, colonialism and imperialism, social and intellectual movements, petro-states in global perspective, and Islam and politics.

Course Notes: **No prior college level History is required or assumed. Students seeking to fulfill their Social Sciences distribution requirement and freshmen welcome.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

History 1015 Section: 01

Native American Women: History and Myth (212666)

Tiya Miles

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course explores histories of women from diverse indigenous nations within the current boundaries of the United States. We will attend closely to methods and sources employed in historical inquiry about Native women even as we track change over time in a range of contexts. We will address multiple themes that intersect in Native women's experience: tensions between history and myth, concepts of family and intimate relationships, spiritual understandings and notions of tradition, gender roles and cross-cultural gender difference, processes of colonialism, conceptions of land and effects of land dispossession, cultural negotiation and adaptation, public representation and misrepresentation, and personal, familial, and tribal perseverance.

Course Notes: **No prior college level History is required or assumed. Students seeking to fulfill their Social Sciences distribution requirement and freshmen welcome.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences

History 1018 Section: 01

Coffee and the Nighttime: History and Politics, 1400-2020 (207532)

Cemal Kafadar

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Since the fifteenth century, individuals and societies in different parts of the world adopted a gradually but unmistakably quickening tempo in their everyday lives and started to make more uses of the nighttime –for socializing, for entertainment, and for work. In this reconfiguration of the architecture of day and night, people turned to various psychotropic substances such as coffee to help them better manipulate times of activity and repose. They have also created new

social institutions such as coffeehouses, which turned into public spaces for engagement with new forms of arts and politics. The course offers a history of these developments until our own time of "living 24/7" in terms of their social, economic and political consequences. Biological aspects such as addiction and pressures on our circadian rhythms will also be explored in the context of histories of sleep and nocturnal activity.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History 1020 Section: 01

The Russian and Chinese Revolutions (212670)

Terry Martin

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Explores the origins, experience, and consequences of revolution in twentieth-century Russia and China. Covers the overthrow of the old imperial regimes, the two Communist revolutions, cultural revolution, cooperation and competition between the two Communist regimes, and finally the revolutionary reforms undertaken by Gorbachev and Deng Xiaoping.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History 1023 Section: 01

Japan in Asia and the World (142657)

Andrew Gordon

David Howell

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Japan is a collection of islands, but its past and present unfolds through continuous interaction with wider worlds. This course places Japan in contexts of Asian and global history. It begins with the people, institutions, and ideas of premodern Japan, from the emergence of a court-centered state 1500 years ago to a warrior-dominated society centuries later. We then examine the tumultuous process of change from the 19th century through the present and explore how people in Japan have dealt with the dilemmas of modernity that challenge us all.

Course Notes: **No prior college level History is required or assumed. Students seeking to fulfill their Social Sciences distribution requirement and**

freshmen welcome.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

History 1024 Section: 01

The British Empire (125049)

Maya Jasanoff

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Less than a century ago the British Empire ruled a quarter of the world. This course surveys the empire's extraordinary rise and fall from the American Revolution to World War II. Course presents a narrative of key events and personalities, introduces major concepts in the study of global history, and considers the empire's political and cultural legacies for the world today. Includes multimedia presentations, in-class discussion and debate, and engaging readings ranging from Niall Ferguson to Mahatma Gandhi.

Course Notes: **No prior college level History is required or assumed. Students seeking to fulfill their Social Sciences distribution requirement and freshmen welcome.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam

History 1028 Section: 01

Race, Capitalism, and the Coming of the Civil War (123124)

Walter Johnson

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course treats the history of the 19th-century US and the Civil War in light of the history of US imperialism, especially the War of 1812, the Mexican-American War, and the illegal invasions of Cuba and Nicaragua in the 1850s. Likewise, it relates the history of slavery in the US to the Haitian Revolution, the Louisiana Purchase, Indian removal, Atlantic cotton, land and money markets, and the hemispheric history of antislavery.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

History 1032 Section: 01

A History of Brazil, from Independence to the Present (202988)

Sidney Chalhoub

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will analyze major themes in the social and political history of Brazil from Independence (1822) to the present. Themes to be addressed are the following: Independence, colonial legacies and national identity; state formation and the question of citizenship rights; the African slave trade; land and labor policies in a slave society; slave emancipation and the crisis of the monarchy; the establishment of the republican regime; gender and the crisis of patriarchy; urban renewal and popular protest; social movements in rural areas; the labor movement; populism; the myth of racial democracy and its crisis; dictatorship and democracy.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

History 1036 Section: 01

Modern India and South Asia (116237)

Sugata Bose

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course provides the historical depth and the comparative context in which to understand modern and contemporary South Asia. It explores the history, culture, and political economy of the subcontinent which provides a fascinating laboratory to study such themes as colonialism, nationalism, partition, the modern state, democracy development, religious identities, and relations between Asia and the West. Significant use of primary written sources (in English) and multi-media presentations.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

History 1049

Nazi Germany and the Holocaust (207696)

Brandon Bloch

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course examines the history of Nazi Germany and the Holocaust against the backdrop of global trajectories of antisemitism, colonialism, racial science, and economic crisis. Major themes include the rise of the Nazi Party in Germany; the sources of Nazi antisemitism; the role of race, gender, and disability in the Nazi state; the origins of World War II; the decision to annihilate European Jewry; collaboration and resistance during the Holocaust; the relationship between statelessness and genocide; and postwar legacies. Special attention will be paid to primary sources and methods of analyzing testimonies by Holocaust perpetrators and victims.

Course Notes: **No prior college level History is required or assumed. Students seeking to fulfill their Social Sciences distribution requirement and freshmen welcome.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

History 1054 Section: 01

From the Little Ice Age to Climate Change: Introduction to US Environmental History (207839)

Zachary Nowak

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

What's the problem with wilderness? Or the environmental movement? Or invasive species? This course examines how humans thought about and used the natural world over the centuries—and the consequences of both use of and thoughts about the nature. Students will learn about food, climate change, pollution, conquest and resistance, environmentalism, and energy. This course actively seeks to show the importance of the material world and the contributions of a broad spectrum of historical actors to US history, among them Native Americans, enslaved people, women, working people, and outlaws, as well as the climate, microbes, and animals.

Course Notes: **No prior college level History is required or assumed. Students seeking to fulfill their Social Sciences distribution requirement and freshmen welcome.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

History 1056 Section: 01

The New Science of the Human Past: Case Studies at the Cutting Edge (212671)

Michael McCormick

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Science is powering History into a revolutionary age of discovery through microarchaeology. We will learn how ancient DNA reveals our ancestors' migrations out of Africa and across the globe and recovers ancient pathogens and their impact from Rome to the Black Death and 16th-century Mexico; how paleoclimate science reconstructs ancient environments from natural proxies (ice cores) and historical records; and how IT changes everything from shipwrecks to Roman coins, via medieval manuscripts. We'll explore the new archaeoscience as the discoveries unfold by reading, discussing, and doing, from ancient genomes to tree rings, from Roman coins to ancient pots, and more.

Course Notes: **No prior college level History is required or assumed. Students seeking to fulfill their Social Sciences distribution requirement and freshmen welcome.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences

History 1125 Section: 01

Reasoning from the Past: Applied History and Decision Making (213257)

Fredrik Logevall

2019 Fall (4 Credits) **Schedule:** TR 0115 PM - 0230 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

This course provides a basis for using history as a tool for analyzing foreign, security, and scientific policy. It also calls attention to some common fallacies in reasoning from history and discusses ways to avoid them. Along the way, we will consider the evolution of the modern international system and particularly the evolving role of the United States.

Course Notes: **Offered jointly with the Kennedy School as IGA-125. The enrollment limit for FAS students is 10.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

History 1155 Section: 01

Early Modern Europe, 1450-1789 (107973)

Ann Blair

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course is an introductory survey of European Early Modern history, from the fifteenth to the late eighteenth century. Organized chronologically and thematically, it examines developments from the late Middle Ages to the Age of Revolutions, including the passage from feudalism to urban institutions, the Renaissance, European Expansion overseas, the Protestant and the Catholic Reformations, the Scientific Revolution, the Rise of Absolutism, slavery, the Enlightenment, and Revolutions. Meetings will alternate between lecture and discussion of primary sources (available in English translation).

Course Notes: **No prior college level History is required or assumed. Students seeking to fulfill their Social Sciences distribution requirement and freshmen welcome.**

Class Notes: **The section meeting for this course has been set for Tuesdays from 3: 00-4:00pm.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences

History 1206 Section: 01

Empire, Nation, and Immigration in France since 1870 (109409)

Mary Lewis

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course explores the history of France from the foundation of the Third Republic to the beginning of the 21st century. Topics include the advent of modern left-wing, right-wing, and anti-Semitic politics; imperial expansion and its consequences; the devastating impact of the First World War; the tumultuous interwar era; the Second World War and the politics of resistance, collaboration, and memory; decolonization; the May 1968 movement; immigration and identity politics since the 1970s.

Course Notes: **No prior college level History is required or assumed. Students seeking to fulfill their Social Sciences distribution requirement and freshmen welcome.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students

History 1240 Section: 01

Artifacts of the Russian Empire (213241)

Megan Duncan Smith

2020 Spring (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This survey course will explore the history of the Russian Empire through its cultural artifacts - the images, objects, and words that the Empire's inhabitants produced and possessed. Artifacts will include elements of high and low culture, material culture, print culture, and the built environment. Visual culture will be emphasized, but we will also listen, taste, touch, and smell. About 25% of the course will be dedicated to the thousand years before 1700, 25% to the eighteenth century, and 50% to the nineteenth century, ending with the revolutions of 1917.

Course Notes: **No prior college level History is required or assumed. Students seeking to fulfill their Social Sciences distribution requirement and freshmen welcome.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students

History 1265 Section: 01

German Empires, 1848-1948 (110285)

Alison Frank Johnson

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course examines the history of Germans in Europe and elsewhere, starting with the revolutions of 1848 and ending with the separation of Austria, West Germany, and East Germany following the Second World War. We will consider multiple different visions of what ``Germany'' should be, what borders it should have, and who should be considered ``German.''

Course Notes: **This course is also offered through the German Department as German 143. Credit may be earned for either German 143 or History 1265, but not both.**
No prior college level History is required or assumed. Students seeking to fulfill their Social Sciences distribution requirement and freshmen welcome.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences

FAS Course Roll	FAS Course Roll

History 1270 Section: 01

Frontiers of Europe: Ukraine since 1500 (124506)

Serhii Plokhii

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The history of Ukrainian territory and its people within a broad context of political, social and cultural changes in Eastern Europe in the course of the half of a millennium. Special emphasis on the role of Ukraine as a cultural frontier of Europe, positioned on the border between settled areas and Eurasian steppes, Christianity and Islam, Orthodoxy and Catholicism, as well as a battleground of major imperial and national projects of modern era.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

History 1280 Section: 01

History of the Soviet Union, 1917-1991 (113970)

Terry Martin

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Examines the history of the Soviet Union from the Russian Revolution to Gorbachev's failed reforms. Focus on the period 1928-53 when industrialization, nationalization and political terror created a distinct Soviet society and culture. Readings include novels, short stories, memoirs, Soviet propaganda, high policy deliberations, letters, journalism, songs, jokes, etc.

Class Notes: **No prior college level History is required or assumed. Students seeking to fulfill their Social Sciences distribution requirement and freshmen welcome.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
FAS: Final Assessment Category	Three-hour Exam

History 1300 Section: 01

Western Intellectual History: Greco-Roman Antiquity (119533)

James Hankins

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A survey of major themes in the intellectual history of the Greek and Roman World, with special attention to metaphysics, psychology, ethics and the philosophic life. Readings in the Presocratics, Plato, Aristotle, Lucretius, Epictetus, Cicero, Seneca, Marcus Aurelius, Plotinus, Augustine, and Boethius.

Course Notes: **No prior college level History is required or assumed. Students seeking to fulfill their Social Sciences distribution requirement and freshmen welcome.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Social Sciences

History 1330 Section: 01

Social Thought in Modern America (111490)

James Kloppenberg

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An inquiry into American ideas since 1870, examining developments in political and social theory, philosophy, and literature in the context of socioeconomic change. Topics include the breakdown of Victorian idealism and laissez-faire; the emergence of social science and progressivism; conflicts over gender, race, and ethnicity; interwar cultural ferment and political reform; post-World War II theories of consensus and 1960s radicalism; and the consequences for democracy of our contemporary culture of hyper-partisanship.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

History 1333 Section: 01

Hegel and Marx (212689)

Peter Gordon

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Philosophy, wrote Hegel, "is its own time comprehended in thought." In this lecture course we

will seek to understand the transition from Hegel to Marx through careful philosophical reconstruction but also with some attention to the German historical context. We will explore major philosophical themes in Hegel's *Phenomenology of Spirit*, *The Philosophy of Right*, and the lectures on the *Philosophy of History*; we will then consider Marx's thought as an attempt both to fulfill and to overcome Hegel's philosophical legacy in major works such as *The Economic and Philosophic Manuscripts*, the *Critique of Hegel's Philosophy of Right*, "On the Jewish Question," *The Communist Manifesto*, and *Capital*.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History 1433 Section: 01

History of American Populisms (126293)

Brett Flehinger

2020 Spring (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course studies the American Populist tradition that defines the common "people" as the foundation of American economic and political life and thrives on opposition between the people and "elite" interests. The class places the formal Populist movement of the late nineteenth century in broader context, from Jeffersonian tradition through the rise of anti-elitist and anti-government movements characterized by George Wallace, Sarah Palin, the Tea Parties, and the political rise of Donald Trump.

Class Notes: **No prior college level History is required or assumed. Students seeking to fulfill their Social Sciences distribution requirement and freshmen welcome.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam

History 1465 Section: 01

The United States and World Order since 1900 (117932)

Erez Manela

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Since the turn of the 20th century, as the United States became a major economic and military power, Americans have tried to mold and manage international order. In this course, we will explore and assess

these efforts through the rise of US overseas expansion, two world wars, the Cold War, and into the 21st century.

Course Notes: **No prior college level History is required or assumed. Students seeking to fulfill their Social Sciences distribution requirement and freshmen welcome.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History 1513 Section: 01

History of Modern Latin America (108533)

Kirsten Weld

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course surveys Latin America from its 19th-century independence movements through the present day. How did the powerful legacies of European colonialism, and the neocolonial economic order that emerged to replace it, shape the Americas' new nations? Themes include nationalism and identity, revolution and counterrevolution, populism, state formation, race and ethnicity, gender and sexuality, social movements, the role of foreign powers, inequality and social class, dictatorship, democratization, and human rights.

Course Notes: **No prior college level History is required or assumed. Students seeking to fulfill their Social Sciences distribution requirement and freshmen welcome.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

History 1520 Section: 01

Colonial Latin America (109436)

Tamar Herzog

2019 Fall (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course is an introductory survey of colonial Latin American history, spanning the sixteenth to the early nineteenth century. Organized chronologically and thematically, it will examine developments in Spanish and Portuguese America by reading both secondary and primary sources (available in English translation).

Course Notes: **No prior college level History is required or assumed. Students seeking to fulfill their Social Sciences distribution requirement and freshmen welcome.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History 1610 Section: 01

Environments: China, Japan, Korea (205113)

Ian J. Miller

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

The future is not what it used to be. Nowhere is this more evident than in the natural world, where climate change and fading biodiversity, energy anxieties and environmental disasters have undermined the bedrock of history: the assumption of a stable continuity between past, present, and future. This class visits East Asia—China, Japan, and the Koreas, vibrant economies and agents of historical change, to explore the transformation of the natural world in modern times. We will analyze nuclear power plants and cruise rivers, explore industrial ruins and debate public policy as we define Asia's role in the global environmental future.

Course Notes: **No prior college level History is required or assumed. Students seeking to fulfill their Social Sciences distribution requirement and freshmen welcome.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

History 1636 Section: 01

Intro to Harvard History: Beyond the Three Lies (212928)

Zachary Nowak

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Harvard's history is a story of professors, students, courses, and research that has led to world-changing innovations. But it is also a story of student unrest, gender unease, and the exclusion of women and minorities, enslaved people, Native Americans, and working-class people. All of them made Harvard and left traces in its archives, libraries, and museums, its buildings, and even in its soil. Some Harvard stories have been told; others have been forgotten. In this class, we will uncover Harvard's past. There will be several field trips to Harvard's archives and museums and

other places on campus most students will never visit. If you wish, the University Archives will preserve your final paper on Harvard history for perpetuity.

Course Notes: **This class was designed especially for first-gen students, first-years, sophomores, and those who haven't taken a college History class. HIST 1636 will change the way you see Harvard and give you research and writing skills to use for all your other courses.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

History 1700 Section: 01

The History of Sub-Saharan Africa to 1860 (124404)

Emmanuel Akyeampong

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Survey of sub-Saharan Africa to 1860, with attention to the range of methodologies used in writing early African history, including oral history, archaeology, and anthropology. Will address themes of the impact of climate change on migration and settlement, trade and commerce, state formation, slavery, and the impact of Islam and Christianity on the continent. Will provide a methodological and historiographical framework in which more specific historical processes and events may be placed and understood.

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

History 1701 Section: 01

West Africa from 1800 to the Present (140979)

Emmanuel Akyeampong

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The course explores the internal dynamics of West African states from 1800, and West Africa's relations with the wider world. Innovations in science, technology and finance made the 19th century an era of social and economic opportunity and of political experimentation; a phase curtailed by European imperialism. The course examines African perspectives on colonialism, the two world wars, nationalism, and the transfer of political power. We will review post-colonial political economies and the search for workable political and economic models.

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

History 1776 Section: 01

The American Revolution (203018)

Jane Kamensky

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

How, why, by whom, and for what was the United States created? How do the nation's origins—in a bloody civil war, and in a politics marked both by soaring promises and glaring faults—shape America today? This course explores the causes, experience, and consequences of the American Revolution, the conflict war that birthed the United States, among many other results. Treating the conflict as a multi-sided and multi-sited struggle, our vantage point will range among the thirteen rebellious colonies of the Atlantic seaboard, the thirteen other colonies that comprised Britain's America, and the vast stretches of the North American mainland that lay outside Britain's domain, but were nonetheless embroiled in the war. We will also take in the view from London and elsewhere around the globe, as America's revolution triggered realignments across Europe, Africa, and Asia.

Our inquiry will center on the unraveling of British America in the 1760s and 1770s, on the war years of 1775-1784, and on the first tentative steps toward nation building in the late 1770s and early 1780s. We will try, as much as possible, to view history forward rather than backward, exploring contingencies, interdependencies, possibilities, and roads not taken. We will also devote considerable time to pondering what it means to own the American Revolution in contemporary civic society: not only to admit the fissures of the founding era, but also to make good its still unrealized promises. Your final projects will ask you to connect primary-source research and your mastery of our assigned readings to various places the American Revolution lives in the twenty-first century, from high school classrooms to theatrical productions to monuments to museum exhibitions.

Course Notes: **Our format consists of three whole-class meetings, taught in hybrid lecture / breakout discussion mode, followed by one laboratory session, taught in small groups by the teaching fellow. These varied active learning formats are related to the content of the course. Rather than absorbing a pre-chewed narrative of the American Revolution, students in History 1776 will contest various perspectives, build their own interpretations, and carry those interpretations forward from the classroom to the public sphere.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

History 1878A Section: 01

The Ottoman Empire and the World, ca.1000-1550 (142695)

Cemal Kafadar

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Surveys the emergence of the Ottoman state from a frontier principality into a world empire in its social, political and cultural dimensions. Topics include pre-Ottoman Anatolia; frontier society; methods of conquest; centralization and institutionalization of power; land regime and peasantry; urbanization; intercommunal relations; religion and learning; architecture and literature. Relations with Byzantium as well as Islamic and European states are examined.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

History 1902 Section: 01

Narrative History: Art and Argument (207531)

Maya Jasanoff

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Who, what, where, when, how, and why? The elements of history are the elements of a story, and the art of writing history is the art of how to tell it. This course offers an intensive workshop on the art and craft of historical narrative. Through reading (from T. B. Macaulay to Hilary Mantel) and in-class writing exercises we will develop a repertoire of techniques to address issues central to historical story-telling, such as establishing scene and character, handling evidence, and embedding argument. Open to any advanced undergraduates and graduate students interested in writing as a craft.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

History 1903 Section: 01

How Societies Remember (and Forget) (212673)

Kirsten Weld

2019 Fall (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

As the adage goes, "All wars are fought twice: the first time on the battlefield, the second time in memory." This seminar interrogates the relationship between history and memory by analyzing how modern societies have chosen to remember – and to forget – their histories of war, conquest, violence, and dispossession. We examine cases from across the Americas and diverse strategies of memorialization and redress, including museums, monuments, reparations, and exhumations, to understand how contested pasts generate both political challenges and political possibilities.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

History 1910 Section: 01

The History of Energy (205112)

Ian J. Miller

2019 Fall (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

The history of energy is the history of modern political economy. The history of energy is the history of a scientific concept and its technological application. The history of energy is the history of climate change and environmental catastrophe. The history of energy is the history of life, the universe, and everything. All of these statements are true. This seminar is a critical introduction to the roles that energy has played in history and historiography. Using this ubiquitous and fundamental concept, we will explore questions ranging from climate change and capitalism to causality and colonialism in diverse places and times.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

History 1913 Section: 01

Dirty Wars, Peace Processes, and the Politics of History in Latin America (108531)

Kirsten Weld

2020 Spring (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Latin America's "dirty wars" generated intense struggles over historical memory. Course focuses on Chile, Argentina, El Salvador, and Guatemala, and comparatively examines how societies reckon with bloody recent pasts that are anything but settled. Looks at both these countries' dictatorships and their fraught peace processes (including truth commissions, transitional justice, artistic representations, human rights activism, international law, foreign involvement, backlash) in order to probe the stakes and politics of historical interpretation.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

History 1917 Section: 01

Are You Now or Have You Ever Been an Android?: The New Materialism (204981)

Joyce Chaplin

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Many historians now believe that the material and nonhuman elements of human life and experience should be foreground, not background. Humans and their histories exist, after all, within and in relation to nonhuman material entities and forces: animals, climate, androids, food, computer code, commodities, inanimate things, entire landscapes, and every other kind of stuff. Several fields from the human sciences and natural sciences have been important in establishing how our material worlds are fundamental to our identities, roles, beliefs, and futures. This course will explore dimensions of the new materialism, as it is playing out in interpretations of the past.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History 1918 Section: 01

Directions in Civil War History (212921)

Drew Faust

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course will explore the history and historiography of the U.S. Civil War with a special emphasis on new directions that have emerged in recent scholarship.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History 1919 Section: 01

Austrian History in Literature (212656)

Alison Frank Johnson

2020 Spring (4 Credits) **Schedule:** T 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course uses Austrian literature to think through some of the most pressing questions of modern European (and, specifically, Austrian) history. We will read some of the greatest novels and novellas in modern German-speaking literature as learn about the Habsburg monarchy, turn-of-the-century Vienna, the First and Second World Wars, the expulsion of Austrian Jewry, and postwar mythmaking. Important themes include: women's role in society and in the family; the rise of nationalism as a social and political force and the viability of multinational empires; sex and sexuality; justice, mercy, and retribution; what Austria is and what it means to be Austrian; anti-Semitism, Zionism, and European Jewry; cultural, political, and violent forms of social protest; the transformative power of war. Open to undergraduate and graduate students, with the permission of the instructor.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

History 1921 Section: 01

The History of Law in Europe (212653)

Tamar Herzog

2019 Fall (4 Credits) **Schedule:** M 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This is a conference course on the history of law in Europe (including both England and the Continent, as well as Europe's overseas domains) from the fall of the Roman Empire (5th century) to the establishment of the European Community (20th century). Organized chronologically, it engages with the sources and nature of Law, the organization of legal systems and the relationship between law and society, law and law-maker, law and the legal professions.

Course Notes: **This course is jointly offered with the Law School as LAW 2700. The enrollment limit for Law School students is 7.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

History 1925 Section: 01

Europe and its Other(s) (109437)

Tamar Herzog

2020 Spring (4 Credits) **Schedule:** M 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course examines how Europeans interacted with those they considered different inside and outside Europe during the Medieval and the Early Modern periods. Reading will alternate between primary and secondary sources.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

History 1932 Section: 01

Fictions of Adultery: From Flaubert to Machado de Assis (202989)

Sidney Chalhoub

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course seeks to analyze the ways in which Machado de Assis, the most important Brazilian novelist of all times, appropriated the European tradition of the novel of adultery. In doing so, he sought to discuss literary models (realism), scientific ideologies (social Darwinism), gender (he expected the misogyny of readers to fill the lacunae of the narration), and class conflict (characters in dependent relations, women in particular, deploy an array of strategies to deal with the potential violence of patriarchal figures). Readings: selected pieces on theoretical approaches to fiction from the perspective of social history and novels by Flaubert and Machado de Assis.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

History 1935 Section: 01

Byzantine Imperialism (110448)

Dimiter Angelov

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

The Byzantine Empire is perhaps best known today as the medieval successor to imperial Rome and as a model for later empires in the Eastern Mediterranean and Eastern Europe. The course investigates imperialism both as an idea and as a practice in Byzantium. We will focus on a variety of themes, such as the role of Constantinople, the methods of governance, the role of coercive and soft power, the integration of diverse communities, the views of empire among the inhabitants of the capital, provincials, and frontiersmen. Primary sources and important secondary works will enable us to examine the specificity of Byzantine imperialism and gain deeper insight into empire as a historical phenomenon.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

History 1945 Section: 01

Slavery and Public History (212674)

Tiya Miles

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Confronting vexed historical meanings and present-day uses of the past is the special charge of public historians. This course explores the theme of slavery through the lenses and methods of public history, a field of historical inquiry and applied knowledge production that stresses past-present connections, community engagement, collaborative work, and audiences beyond the academy. As a foundational element in the structure of U.S. society, slavery has made a lasting imprint on social, cultural, political, and economic relations. Nevertheless, American public culture has avoided sustained exploration of the broad and complex history of racialized slavery and instead maintains a stance of discomfort, distance, and ambivalence. We will discuss change over time in public representations of slavery while also addressing the tensions of collaboration and audience engagement.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

History 1947 Section: 01

The Imperial Map: Geographic Information in the Age of Empire (213281)

Kelly A. O'Neill

2019 Fall (4 Credits) **Schedule:** W 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Maps and empires have entangled histories. In this course we will examine the evolution of geographic information technology and the way imperial states and subjects used atlases, boundary surveys, town plans, and topographical maps to manage information flows and generate political and cultural capital. We will learn to speak the language of maps: particularly maps of the Russian Empire. Through units devoted to Siberia, the Black Sea, and European Russia, we will reconstruct the history of an empire through maps held right here at Harvard.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History 1954 Section: 01

Jews and the City: An Introduction to Modern Jewish Urban History (212675)

Rebecca Kobrin

2019 Fall (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Over the course of the nineteenth century, millions of Jews moved to cities scattered throughout the world. This mass urbanization not only created new demographic centers of world Jewry, but also fundamentally transformed Jewish political and cultural life. In this course, we shall analyze primary and secondary sources to explore the Jewish encounter with the city. The underlying goal is to consider how comparative analysis helps one think more critically about social groups, such as Jews, or social formations, such as cities. Does a comparative view of Jewish urbanization help one understand this phenomenon better?

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

History 1984 Section: 01

The Dutch Empire (212676)

Pepijn Brandon

2020 Spring (4 Credits) **Schedule:** T 0345 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

It is hard to fathom that a small European nation like the Netherlands for several centuries stood at the center of a vast global Empire. And yet, the Dutch once were the territorial overlords of colonies reaching from North-America to Brazil, and from South Africa to Indonesia. The legacies of this Empire are undeniable, but its internal dynamics, as well its place within comparative histories of imperial domination are still hotly disputed. This course examines the Dutch Empire from its inception to decolonization, focusing in particular on the interconnections between trade, violence, and forced labor.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History 1993

Introduction to Digital History (156564)

Gabriel Pizzorno

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course trains students in a range of digital methods used for the acquisition, analysis, and visualization of data in the context of historical research. Beyond developing practical skills, students will learn how to critically evaluate the potential and limitations of new technologies, and how to integrate them into their work in a careful, theoretically informed way.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

History 2003 Section: 01

Hegel and Marx: Seminar (212898)

Peter Gordon

2019 Fall (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

The transition in nineteenth-century German social thought from the metaphysical systems of German Idealism to a critical and practically-oriented social theory is associated most of all with two names: G.W.F. Hegel and Karl Marx. In this graduate seminar we explore both the internal (philosophical) and external (historical) significance of this formative moment in the emergence of modern social theory. We will concentrate on the canonical works—Hegel's *Phenomenology of Spirit, The Philosophy of Right*, and *The Lectures on the Philosophy of History*, and then turn to Marx's *Economic and Philosophic Manuscripts*, the *Critique of Hegel's Philosophy of Right* the political commentaries, and *Capital*. We will also consult the secondary literature, e.g., inter alia, Herbert Marcuse's *Reason and Revolution*.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

History 2007 Section: 01

Histories of Emotion: Research Seminar (212677)

Derek Penslar

2019 Fall (4 Credits) **Schedule:** W 0345 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

The history of emotion is a subset of cultural history – the study of how humans make sense of themselves, their environment, and their experience. This seminar will historicize emotion within specific social contexts and explore the intertwining of emotion, cognition, and judgment in public as well as private life. Although our emphasis will be late modernity, our common readings will explore the medieval and early modern periods for which pioneering work in the field has been done. This seminar culminates in an article-length (30-40 page) research essay whose methodology engages substantively with the history of emotion.

Class Notes: **This course will meet in the Giedrojć Gallery at the Center for European Studies, 27 Kirkland Street.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

History 2009 Section: 01

Oil and the Arabian Peninsula: Culture, Power, History: Seminar (212678)

Rosie Bsheer

2020 Spring (4 Credits) **Schedule:** T 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

The principal analytical focus in this seminar will be the role of oil in shaping the cultural, social, political, and economic relations of the Arabian Peninsula. This region has long been at the center of global circulations of commodities, capital, military power, and cultural knowledge. Popular and academic representations, however, tend to render the Arabian Peninsula as insular, homogenous, and historically static. Rather than isolate the Arabian Peninsula from these broader connections, this course uses its focus on oil to examine the complex global linkages – through financial and resource flows, regulatory bodies, political institutions, labor markets, kinship networks, and religious circuits – that shape the region.

Course Notes: **Graduate standing and permission of instructor required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None

History 2039 Section: 01

History from Things: Seminar (205145)

Gabriel Pizzorno

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This seminar focuses on the use of material culture as a primary source for constructing historical narratives that access aspects of the past not covered by written words. We will look closely at how materiality theory relates to the methodologies and conceptual categories used by historians to understand the past. Students will also be trained in the specific skills needed for interpreting material sources. Because material history relies on methodologies and theoretical approaches that transcend the fields that define our discipline, the course's coverage will be broad across both time and space, allowing for participants to explore corpora of materials according to their own interests and expertise.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History 2040 Section: 01

Air Pollution: A Global History: Seminar (212936)

Sunil Amrith

David Shumway Jones

2019 Fall (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Air pollution has become a leading cause of death worldwide, killing more people than AIDS, tuberculosis, and malaria. This seminar draws on environmental history, history of science, and history of policy to understand this problem. It will examine the material history of air pollution, from the ancient world, to the industrialization of Europe and America, to contemporary India and China. It will track the shifting configurations of how air pollution has been understood as a social, medical, or moral problem. It will assess the measures taken by different societies to control air pollution, exploring histories of activism, policy, and regulation.

Course Notes: **This course is also offered through the History of Science Department as History of Science 240. Credit may be earned for either History of Science 240 or History 2040, but not both.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

History 2055 Section: 01

Early Medieval History, Archaeology and Archaeoscience: Seminar (114862)

Michael McCormick

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Joint philological analysis of Latin texts, archaeological and scientific evidence illuminating the fall of Rome and the origins of medieval Europe, culminating in a research paper.

Recommended Prep: **Latin, with either German or French, is required. Normally History 2050 and or MS 101.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History 2056 Section: 01

Reading in Late Antique and Medieval History: Seminar (205068)

Michael McCormick

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A critical introduction to and group discussion of special themes in the historiography of late antique and medieval history with readings in English and French or German, culminating in a term paper. Themes will range from transdisciplinary approaches to history to "is there a Mediterranean history"?

Course Notes: **Open to advanced undergraduates with permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History 2080 Section: 01

Medieval Law (112622)

Charles Donahue

2020 Spring (4 Credits) **Schedule:** T 0500 PM - 0700 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Readings focused alternately on the English legal tradition and on the Roman-canonical tradition. The topic for 2019-20 will be the Continental European legal tradition. Short papers analyzing texts will be required but not a research paper.

Course Notes: **Offered jointly with the Law School as Law 2166.**

Class Notes: **This course meets at the Harvard Law School in the Wasserstein**

Building, Room 3012..

Recommended Prep: **Some Latin required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students

History 2114 Section: 01

Political Meritocracy in Comparative Historical Perspective: Seminar (212946)

James Hankins

Peter K. Bol

2020 Spring (4 Credits) **Schedule:** T 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

How does a society get morally good and competent rulers into power, and how can it get them to rule in the interests of the whole community? These are questions that have occupied political thinkers, statesmen and legislators in numerous historical societies, East and West, for many centuries. This course explores meritocratic political thought and institutions principally in imperial China, ancient Greece, the Roman and Byzantine empires, and Western Europe since the Renaissance. We will address questions such as: What counts as merit in political elites? What kind of learning can best produce personal virtue and insight into government, and how can these qualities be assessed? How can a society or a political system "elevate the worthy"? Can or should merit be linked with legitimacy? Is meritocracy a regime type, or is meritorious governance a political excellence to which any regime may aspire? What laws and constitutional devices have been used to support meritocracy and to minimize corruption, closed elites, and popular discontent with elite claims to authority?

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students

History 2259 Section: 01

Readings in Central European History: Proseminar (108442)

Alison Frank Johnson

2019 Fall (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Introduces students to recent and classic literature on German-speaking Europe as well as the Habsburg Empire, the Polish-Lithuanian Commonwealth, and their successor states. Some discussion of Southeastern Europe. Reading knowledge of German or another approved Central/Eastern European

language advisable, but not required. Open to graduate students and qualified undergraduates with permission of the instructor.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History 2270 Section: 01

Reformation and the Making of Religious Practice in Britain and Colonial America, c. 1550-1700 (205243)

David Hall

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0459 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

A research seminar, this course covers the coming of Reformed (Calvinist) Protestantism to England and Scotland in the sixteenth century and the maturing of the Puritan movement in those countries and New England in the seventeenth. Attentive to theology and politics, this course also explores lived religion, especially devotional practice.

Course Notes: **Offered jointly with the Divinity School as 2270**

Class Notes: **This course will meet at 60 Oxford Street, Room 118.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

History 2271 Section: 01

The Soviet Union: Proseminar (122085)

Terry Martin

2020 Spring (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to major debates in the historiography of the Soviet Union and late imperial Russia.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

History 2277 Section: 01

Eastern Europe: Peoples and Empires: Proseminar (109605)

Serhii Plokhii

2019 Fall (4 Credits) **Schedule:** T 0900 AM - 1100 AM

Instructor Permissions: Instructor **Enrollment Cap:** 10

This course is an introduction to major themes and debates in the early modern and modern history of the "other Europe." Its main focus is on the histories of European Russia, Ukraine, Belarus, Lithuania, and Poland. Readings discuss international and political developments in the region and their impact on the formation of imperial, national, religious and cultural identities from the rise of Reformation to the collapse of Communism. The course is designed to prepare students for a general exam field in East European history. It is open to graduate and advanced undergraduate students working on a senior thesis.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

History 2331 Section: 01

Smith and Marx: Philosophy and Political Economy: Seminar (128056)

Emma Rothschild

Amartya Sen

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

The course examines Adam Smith's and Karl Marx's writings on philosophy, law and political economy, in historical perspective and in relation to the foundations of modern thought.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

History 2400 Section: 01

Readings in Colonial and Revolutionary America: Proseminar (114881)

Joyce Chaplin

2019 Fall (4 Credits) **Schedule:** R 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to scholarly literature on colonial and revolutionary America. Required for History

Department graduate students specializing in US history. Open to those from other fields or programs.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None

History 2442 Section: 01

Readings in the History of the U.S. in the 19th Century: Proseminar (114882)

Walter Johnson

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The second in the sequence of three proseminars required of all graduate students in American history and open to graduate students in other history fields and other departments as space permits.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

History 2445 Section: 01

Constitutions, Law, and Empire: Seminar (213656)

Annette Gordon-Reed

Peter Onuf

2020 Spring (4 Credits) **Schedule:** W 0500 PM - 0700 PM

Instructor Permissions: Instructor **Enrollment Cap:** 11

What is a Constitution? Why, and under what circumstances, do people make them? What about the United States and its written constitution: Exactly when and how was it made? This seminar will consider these and other questions as we read literature on constitutional developments in the British Empire, with a focus on settler constitutionalism in North America, the constitutional origins of the American Revolution, the development of state constitutions and the Federal Constitution, the law of nations (international law) with respect to slavery, colonization, and territorial expansion, Manifest Destiny, and the crisis of constitutionalism and law that led to the American Civil War.

Course Notes: **Offered jointly with the Law School as LAW-2412. This course will meet at the Harvard Law School. The enrollment for FAS students is 11.**

Class Notes: **This course meets at the Harvard Law School in the Wasserstein Building, Room 5048.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None

History 2462 Section: 01

Readings in the U.S. in the 20th Century: Proseminar (112069)

Lizabeth Cohen

2020 Spring (4 Credits) **Schedule:** T 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Readings in recent monographs as well as older historiography, covering a wide range of 20th-century topics. This proseminar is required of all History graduate students focusing on the United States.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

History 2475 Section: 01

Legal History Workshop: Race and Policing in Historical Context (109873)

Kenneth Mack

Anna Lvovsky

2020 Spring (4 Credits) **Schedule:** T 0500 PM - 0700 PM

Instructor Permissions: Instructor **Enrollment Cap:** 11

This workshop aims to provide students with a historical perspective on the intersections between law, race, and police institutions in the United States. Assignments and class discussions will feature a mix of major works in the field of legal history, introducing students to critical methodologies and historiographical debates, and workshop presentations by leading historians currently writing on questions of race and policing. Further information about the topics to be covered will be available closer to the Spring semester.

Course Notes: **Law students will have a choice of enrolling in the workshop for two or three credits. Those who choose to write a substantial paper will receive three credits upon successful completion of the course; those who do not complete substantial papers will receive two credits. All FAS graduate students who enroll in the workshop must complete a substantial paper and will receive four credits upon successful completion of the course. Offered jointly with the Law School as 2596.**

Class Notes: **This course meets at the Harvard Law School in Hauser 105.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

History 2477 Section: 01

History of American Economic Regulation: Seminar (156896)

Kenneth Mack

2019 Fall (4 Credits) **Schedule:** MT 0320 PM - 0450 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

This course examines the history of capitalism in America, viewed through the lens of debates over regulation of economic activity. Beginning in the early days of the republic, it will examine the role of law in capitalist development, focusing on debates over the regulation of corporations, banking and the financial system, race and capitalism, competition policy, and administrative law, continuing through the regulatory reforms of the New Deal. It will then examine movements for deregulation, the roots of the financial crisis of 2007-08, and its aftermath up to the present day. The course will examine the social, institutional and intellectual history of economic regulation.

Course Notes: **Offered jointly with the Law School at 2167. The enrollment limit for FAS students is 20. This course will meet at the Law School Campus.**

Class Notes: **This course will meet in Wasserstein B010 (HLS)**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

History 2495 Section: 01

Politics and Social Movement in the 20th Century United States: Research Seminar (126555)

Lisa McGirr

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Seminar culminating in the production of an article length essay based on primary research. Students will conduct research into significant topics at the intersection of the state and civil society in the twentieth-century United States.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None

History 2538

Introduction to Islamic Law (214429)

Intisar Rabb

2019 Fall (4 Credits) **Schedule:** M 0500 PM - 0700 PM

Instructor Permissions: Instructor **Enrollment Cap:** 5

This course will survey core concepts of Islamic law (*sharia*) in historical and comparative modern contexts. Popular perceptions of this legal system imagine it to be a static code from 7th-century Arabia. Islamic law is in fact a dynamic legal tradition, with a rich history that reveals processes of "legislation" and interpretation analogous to our own. It also developed substantive rulings and out of institutional structures quite different from our own. Those laws and structures evolved over time, with notable changes accompanying the breakup of the Islamic empire in the 10th and 12th centuries, colonial interventions in the 18th and 19th centuries, and independence movements in the 20th and 21st centuries. How and why did Muslim jurists, judges, and political leaders define or operate within the grammar of Islamic law? Did the law impose religious-moral values or reflect cultural and socially constructed ones? What explains the recent appeal of shari?a in the last few decades and how might we understand Islamic law in our times? This course will equip students with tools to examine these questions in the course of conversations about five core subjects: Islamic legal theory, family law, criminal law, property and contract law, and constitutional law. We will relate each to the central-most question in law of any system today, through focus on Islamic law as a compelling subject of legal history and comparative law with a widespread contemporary reach: how and why do shifts in *institutional structures, moral values*, and the *legal process* affect law? *Students may opt for a long paper or four short papers for an additional credit.* Students need not have prior knowledge of Islamic law.*

Class Notes: **Students may opt for a research paper (15pp) or three short papers (4-5pp each).**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

History 2653 Section: 01

Historiography of Modern Japan: Proseminar (124013)

Andrew Gordon

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

A critical introduction to the historiography of modern Japan, with emphasis on English-language scholarship.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None

History 2692 Section: 01

Colonial and Post-Colonial Histories of South Asia: Seminar (116677)

Sugata Bose

2019 Fall (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Analyzes trends and debates in historical research and writing on colonial and post-colonial South Asia.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students

History 2884 Section: 01

Topics in Ottoman Social and Cultural History: Seminar (147101)

Cemal Kafadar

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Topic to be announced.

Recommended Prep: **Reading knowledge of Turkish.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

History 2919A Section: 01

International Society in Global Context: Seminar (160050)

David Armitage

Erez Manela

2019 Fall (2 Credits) **Schedule:** W 0345 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

A year-long research and reading course on the history of international society in global context from the early modern period to the near present. Themes include international thought; imperial, national, and post

national orders; and projects of "civilization," development, and modernization in global context. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
Full Year Course	Indivisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History 2919B Section: 01

International Society in Global Context: Seminar (160051)

David Armitage

Erez Manela

2020 Spring (2 Credits) **Schedule:** W 0345 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

A year-long research and reading course on the history of international society in global context from the early modern period to the near present. Themes include international thought; imperial, national, and post national orders; and projects of "civilization," development, and modernization in global context. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
Full Year Course	Indivisible Course

History 2951 Section: 01

The Environmental Turn in History: Seminar (128257)

Ian J. Miller

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

A critical exploration of history's "environmental turn." This course tracks the movement of environmental themes to the center of the discipline and the emergence of environmental history as an important new subfield. Readings will range from classics to cutting-edge new work.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll

FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

History 2955A Section: 01

History of Global Capitalism: Seminar (212679)

Sven Beckert

Sophus Reinert

2019 Fall (2 Credits) **Schedule:** M 0345 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

The history of capitalism is one of the most important topics in the study of the past, as the expansion of capitalism has revolutionized almost all aspects of human life in almost all areas of the world during the past 500 years. The seminar will introduce students to a lively debate among social scientists on what this capitalist revolution has been about and how best to explain it. We will read canonical texts in the field, debate current research and guide student research in the field. We will study capitalism from a global and historical perspective. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

History 2955B Section: 01

History of Global Capitalism: Seminar (212680)

Sven Beckert

Sophus Reinert

2020 Spring (2 Credits) **Schedule:** M 0345 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

The history of capitalism is one of the most important topics in the study of the past, as the expansion of capitalism has revolutionized almost all aspects of human life in almost all areas of the world during the past 500 years. The seminar will introduce students to a lively debate among social scientists on what this capitalist revolution has been about and how best to explain it. We will read canonical texts in the field, debate current research and guide student research in the field. We will study capitalism from a global and historical perspective. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History 3000

Direction of Doctoral Dissertations (114064)

Emmanuel Akyeampong

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS Course Roll	FAS Course Roll

History 3000

Direction of Doctoral Dissertations (114064)

Emmanuel Akyeampong

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

History 3000 Section: 002

Direction of Doctoral Dissertations (114064)

Sunil Amrith

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

History 3000 Section: 002

Direction of Doctoral Dissertations (114064)

Sunil Amrith

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

History 3000 Section: 003

Direction of Doctoral Dissertations (114064)

Dimiter Angelov

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

History 3000 Section: 003

Direction of Doctoral Dissertations (114064)

Dimiter Angelov

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

History 3000 Section: 004

Direction of Doctoral Dissertations (114064)

David Armitage

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History 3000 Section: 004

Direction of Doctoral Dissertations (114064)

David Armitage

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

History 3000 Section: 005

Direction of Doctoral Dissertations (114064)

Sven Beckert

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History 3000 Section: 005

Direction of Doctoral Dissertations (114064)

Sven Beckert

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History 3000 Section: 006

Direction of Doctoral Dissertations (114064)

Ann Blair

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History 3000 Section: 006

Direction of Doctoral Dissertations (114064)

Ann Blair

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

History 3000 Section: 007

Direction of Doctoral Dissertations (114064)

Sugata Bose

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

History 3000 Section: 007

Direction of Doctoral Dissertations (114064)

Sugata Bose

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History 3000 Section: 008

Direction of Doctoral Dissertations (114064)

Vincent Brown

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

History 3000 Section: 008

Direction of Doctoral Dissertations (114064)

Vincent Brown

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History 3000 Section: 009

Direction of Doctoral Dissertations (114064)

Tomiko Brown-Nagin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

History 3000 Section: 009

Direction of Doctoral Dissertations (114064)

Tomiko Brown-Nagin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History 3000 Section: 010

Direction of Doctoral Dissertations (114064)

Rosie Bsheer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History 3000 Section: 010

Direction of Doctoral Dissertations (114064)

Rosie Bsheer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

History 3000 Section: 011

Direction of Doctoral Dissertations (114064)

Sidney Chalhoub

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History 3000 Section: 011

Direction of Doctoral Dissertations (114064)

Sidney Chalhoub

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History 3000 Section: 012

Direction of Doctoral Dissertations (114064)

Joyce Chaplin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

History 3000 Section: 012

Direction of Doctoral Dissertations (114064)

Joyce Chaplin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History 3000 Section: 013

Direction of Doctoral Dissertations (114064)

Lizabeth Cohen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History 3000 Section: 013

Direction of Doctoral Dissertations (114064)

Lizabeth Cohen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

History 3000 Section: 014

Direction of Doctoral Dissertations (114064)

Nancy Cott

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

History 3000 Section: 014

Direction of Doctoral Dissertations (114064)

Nancy Cott

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

History 3000 Section: 015

Direction of Doctoral Dissertations (114064)

Alejandro de la Fuente

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History 3000 Section: 015

Direction of Doctoral Dissertations (114064)

Alejandro de la Fuente

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

History 3000 Section: 016

Direction of Doctoral Dissertations (114064)

Philip Deloria

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History 3000 Section: 016

Direction of Doctoral Dissertations (114064)

Philip Deloria

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History 3000 Section: 017

Direction of Doctoral Dissertations (114064)

Emma Dench

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History 3000 Section: 017

Direction of Doctoral Dissertations (114064)

Emma Dench

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History 3000 Section: 018

Direction of Doctoral Dissertations (114064)

Caroline Elkins

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History 3000 Section: 018

Direction of Doctoral Dissertations (114064)

Caroline Elkins

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

History 3000 Section: 019

Direction of Doctoral Dissertations (114064)

Mark Elliott

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

History 3000 Section: 019

Direction of Doctoral Dissertations (114064)

Mark Elliott

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

History 3000 Section: 020

Direction of Doctoral Dissertations (114064)

Drew Faust

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History 3000 Section: 020

Direction of Doctoral Dissertations (114064)

Drew Faust

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

History 3000 Section: 021

Direction of Doctoral Dissertations (114064)

Arunabh Ghosh

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

History 3000 Section: 021

Direction of Doctoral Dissertations (114064)

Arunabh Ghosh

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

History 3000 Section: 022

Direction of Doctoral Dissertations (114064)

Andrew Gordon

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History 3000 Section: 022

Direction of Doctoral Dissertations (114064)

Andrew Gordon

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

History 3000 Section: 023

Direction of Doctoral Dissertations (114064)

Peter Gordon

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History 3000 Section: 023

Direction of Doctoral Dissertations (114064)

Peter Gordon

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History 3000 Section: 024

Direction of Doctoral Dissertations (114064)

Annette Gordon-Reed

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

History 3000 Section: 024

Direction of Doctoral Dissertations (114064)

Annette Gordon-Reed

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None

FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

History 3000 Section: 025

Direction of Doctoral Dissertations (114064)

James Hankins

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History 3000 Section: 025

Direction of Doctoral Dissertations (114064)

James Hankins

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

History 3000 Section: 026

Direction of Doctoral Dissertations (114064)

Tamar Herzog

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

History 3000 Section: 026

Direction of Doctoral Dissertations (114064)

Tamar Herzog

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History 3000 Section: 027

Direction of Doctoral Dissertations (114064)

Evelyn Brooks Higginbotham

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

History 3000 Section: 027

Direction of Doctoral Dissertations (114064)

Evelyn Brooks Higginbotham

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

History 3000 Section: 028

Direction of Doctoral Dissertations (114064)

Elizabeth Hinton

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

History 3000 Section: 028

Direction of Doctoral Dissertations (114064)

Elizabeth Hinton

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

History 3000 Section: 029

Direction of Doctoral Dissertations (114064)

David Howell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

History 3000 Section: 029

Direction of Doctoral Dissertations (114064)

David Howell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History 3000 Section: 030

Direction of Doctoral Dissertations (114064)

Maya Jasanoff

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History 3000 Section: 030

Direction of Doctoral Dissertations (114064)

Maya Jasanoff

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History 3000 Section: 031

Direction of Doctoral Dissertations (114064)

Alison Frank Johnson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History 3000 Section: 031

Direction of Doctoral Dissertations (114064)

Alison Frank Johnson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

History 3000 Section: 032

Direction of Doctoral Dissertations (114064)

Walter Johnson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

History 3000 Section: 032

Direction of Doctoral Dissertations (114064)

Walter Johnson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course

All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History 3000 Section: 033

Direction of Doctoral Dissertations (114064)

Cemal Kafadar

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History 3000 Section: 033

Direction of Doctoral Dissertations (114064)

Cemal Kafadar

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

History 3000 Section: 034

Direction of Doctoral Dissertations (114064)

Jane Kamensky

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

History 3000 Section: 034

Direction of Doctoral Dissertations (114064)

Jane Kamensky

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History 3000 Section: 035

Direction of Doctoral Dissertations (114064)

William Kirby

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History 3000 Section: 035

Direction of Doctoral Dissertations (114064)

William Kirby

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

History 3000 Section: 036

Direction of Doctoral Dissertations (114064)

James Kloppenberg

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History 3000 Section: 036

Direction of Doctoral Dissertations (114064)

James Kloppenberg

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

History 3000 Section: 037

Direction of Doctoral Dissertations (114064)

Jill Lepore

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History 3000 Section: 037

Direction of Doctoral Dissertations (114064)

Jill Lepore

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History 3000 Section: 038

Direction of Doctoral Dissertations (114064)

Mary Lewis

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

History 3000 Section: 038

Direction of Doctoral Dissertations (114064)

Mary Lewis

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

History 3000 Section: 039

Direction of Doctoral Dissertations (114064)

Fredrik Logevall

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

History 3000 Section: 039

Direction of Doctoral Dissertations (114064)

Fredrik Logevall

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

History 3000 Section: 040

Direction of Doctoral Dissertations (114064)

Erez Manela

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

History 3000 Section: 040

Direction of Doctoral Dissertations (114064)

Erez Manela

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll

FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

History 3000 Section: 041

Direction of Doctoral Dissertations (114064)

Terry Martin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

History 3000 Section: 041

Direction of Doctoral Dissertations (114064)

Terry Martin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History 3000 Section: 042

Direction of Doctoral Dissertations (114064)

Michael McCormick

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History 3000 Section: 042

Direction of Doctoral Dissertations (114064)

Michael McCormick

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

History 3000 Section: 043

Direction of Doctoral Dissertations (114064)

Lisa McGirr

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History 3000 Section: 043

Direction of Doctoral Dissertations (114064)

Lisa McGirr

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History 3000 Section: 044

Direction of Doctoral Dissertations (114064)

Tiya Miles

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History 3000 Section: 044

Direction of Doctoral Dissertations (114064)

Tiya Miles

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

History 3000 Section: 045

Direction of Doctoral Dissertations (114064)

Ian J. Miller

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

History 3000 Section: 045

Direction of Doctoral Dissertations (114064)

Ian J. Miller

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

History 3000 Section: 046

Direction of Doctoral Dissertations (114064)

Afsaneh Najmabadi

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History 3000 Section: 046

Direction of Doctoral Dissertations (114064)

Afsaneh Najmabadi

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History 3000 Section: 047

Direction of Doctoral Dissertations (114064)

Derek Penslar

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

History 3000 Section: 047

Direction of Doctoral Dissertations (114064)

Derek Penslar

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

History 3000 Section: 048

Direction of Doctoral Dissertations (114064)

Serhii Plokhii

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

History 3000 Section: 048

Direction of Doctoral Dissertations (114064)

Serhii Plokhii

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course

FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

History 3000 Section: 049

Direction of Doctoral Dissertations (114064)

Intisar Rabb

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History 3000 Section: 049

Direction of Doctoral Dissertations (114064)

Intisar Rabb

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

History 3000 Section: 050

Direction of Doctoral Dissertations (114064)

Emma Rothschild

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

History 3000 Section: 050

Direction of Doctoral Dissertations (114064)

Emma Rothschild

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History 3000 Section: 051

Direction of Doctoral Dissertations (114064)

Daniel Smail

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

History 3000 Section: 051

Direction of Doctoral Dissertations (114064)

Daniel Smail

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History 3000 Section: 052

Direction of Doctoral Dissertations (114064)

Michael Szonyi

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

History 3000 Section: 052

Direction of Doctoral Dissertations (114064)

Michael Szonyi

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History 3000 Section: 053

Direction of Doctoral Dissertations (114064)

Kirsten Weld

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

History 3000 Section: 053

Direction of Doctoral Dissertations (114064)

Kirsten Weld

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History 3001 Section: 01

Teaching (208298)

2020 Spring (2 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Student is engaged in teaching as a Teaching Fellow or a History Prize Instructor. Student should register for four credits per section if they are a TF.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

History 3001 Section: 1

Teaching (208298)

2019 Fall (2 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Student is engaged in teaching as a Teaching Fellow or a History Prize Instructor. Student should register for four credits per section if they are a TF.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History 3002 Section: 01

Research (208299)

2020 Spring (2 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Student is engaged in research, but has not begun to focus exclusively on their dissertation.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

History 3002 Section: 01

Research (208299)

2019 Fall (2 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Student is engaged in research, but has not begun to focus exclusively on their dissertation.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

History 3003 Section: 01

Course Work (208300)

2020 Spring (2 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Student is engaged in coursework.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

History 3003 Section: 01

Course Work (208300)

2019 Fall (2 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Student is engaged in coursework.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

History 3010

Reading and Research (112981)

Emmanuel Akyeampong

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

History 3010

Reading and Research (112981)

Emmanuel Akyeampong

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

FAS Course Roll	FAS Course Roll
No FAINFO	300 or 3000 level class, do not generate FAINFO

History 3010 Section: 002

Reading and Research (112981)

Sunil Amrith

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History 3010 Section: 002

Reading and Research (112981)

Sunil Amrith

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

History 3010 Section: 003

Reading and Research (112981)

Dimiter Angelov

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History 3010 Section: 003

Reading and Research (112981)

Dimiter Angelov

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History 3010 Section: 004

Reading and Research (112981)

David Armitage

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History 3010 Section: 004

Reading and Research (112981)

David Armitage

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

History 3010 Section: 005

Reading and Research (112981)

Sven Beckert

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General

Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History 3010 Section: 005

Reading and Research (112981)

Sven Beckert

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History 3010 Section: 006

Reading and Research (112981)

Ann Blair

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate**

School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

History 3010 Section: 006

Reading and Research (112981)

Ann Blair

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History 3010 Section: 007

Reading and Research (112981)

Sugata Bose

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

History 3010 Section: 007

Reading and Research (112981)

Sugata Bose

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

History 3010 Section: 008

Reading and Research (112981)

Vincent Brown

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

FAS: Course Level	Graduate Course

History 3010 Section: 008

Reading and Research (112981)

Vincent Brown

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

History 3010 Section: 009

Reading and Research (112981)

Tomiko Brown-Nagin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History 3010 Section: 009

Reading and Research (112981)

Tomiko Brown-Nagin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

History 3010 Section: 010

Reading and Research (112981)

Rosie Bsheer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History 3010 Section: 010

Reading and Research (112981)

Rosie Bsheer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

History 3010 Section: 011

Reading and Research (112981)

Sidney Chalhoub

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History 3010 Section: 011

Reading and Research (112981)

Sidney Chalhoub

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General

Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History 3010 Section: 012

Reading and Research (112981)

Joyce Chaplin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

History 3010 Section: 012

Reading and Research (112981)

Joyce Chaplin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate**

School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

History 3010 Section: 013

Reading and Research (112981)

Lizabeth Cohen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History 3010 Section: 013

Reading and Research (112981)

Lizabeth Cohen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

History 3010 Section: 014

Reading and Research (112981)

Nancy Cott

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

History 3010 Section: 014

Reading and Research (112981)

Nancy Cott

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

All: Cross Reg Availability	Available for Harvard Cross Registration

History 3010 Section: 015

Reading and Research (112981)

Alejandro de la Fuente

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

History 3010 Section: 015

Reading and Research (112981)

Alejandro de la Fuente

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

History 3010 Section: 016

Reading and Research (112981)

Philip Deloria

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

History 3010 Section: 016

Reading and Research (112981)

Philip Deloria

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

History 3010 Section: 017

Reading and Research (112981)

Emma Dench

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History 3010 Section: 017

Reading and Research (112981)

Emma Dench

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

History 3010 Section: 018

Reading and Research (112981)

Caroline Elkins

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General

Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History 3010 Section: 018

Reading and Research (112981)

Caroline Elkins

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History 3010 Section: 019

Reading and Research (112981)

Mark Elliott

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate**

School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History 3010 Section: 019

Reading and Research (112981)

Mark Elliott

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History 3010 Section: 020

Reading and Research (112981)

Drew Faust

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History 3010 Section: 020

Reading and Research (112981)

Drew Faust

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History 3010 Section: 021

Reading and Research (112981)

Arunabh Ghosh

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

FAS Divisional Distribution	None

History 3010 Section: 021

Reading and Research (112981)

Arunabh Ghosh

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History 3010 Section: 022

Reading and Research (112981)

Andrew Gordon

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

History 3010 Section: 022

Reading and Research (112981)

Andrew Gordon

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History 3010 Section: 023

Reading and Research (112981)

Peter Gordon

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

History 3010 Section: 023

Reading and Research (112981)

Peter Gordon

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History 3010 Section: 024

Reading and Research (112981)

Annette Gordon-Reed

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History 3010 Section: 024

Reading and Research (112981)

Annette Gordon-Reed

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General

Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History 3010 Section: 025

Reading and Research (112981)

James Hankins

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

History 3010 Section: 025

Reading and Research (112981)

James Hankins

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate**

School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History 3010 Section: 026

Reading and Research (112981)

Tamar Herzog

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History 3010 Section: 026

Reading and Research (112981)

Tamar Herzog

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

History 3010 Section: 027

Reading and Research (112981)

Evelyn Brooks Higginbotham

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

History 3010 Section: 027

Reading and Research (112981)

Evelyn Brooks Higginbotham

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

FAS: Course Level	Graduate Course

History 3010 Section: 028

Reading and Research (112981)

Elizabeth Hinton

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History 3010 Section: 028

Reading and Research (112981)

Elizabeth Hinton

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

History 3010 Section: 029

Reading and Research (112981)

David Howell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History 3010 Section: 029

Reading and Research (112981)

David Howell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

History 3010 Section: 030

Reading and Research (112981)

Maya Jasanoff

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History 3010 Section: 030

Reading and Research (112981)

Maya Jasanoff

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

History 3010 Section: 031

Reading and Research (112981)

Alison Frank Johnson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General

Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

History 3010 Section: 031

Reading and Research (112981)

Alison Frank Johnson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

History 3010 Section: 032

Reading and Research (112981)

Walter Johnson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate**

School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

History 3010 Section: 032

Reading and Research (112981)

Walter Johnson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

History 3010 Section: 033

Reading and Research (112981)

Cemal Kafadar

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History 3010 Section: 033

Reading and Research (112981)

Cemal Kafadar

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History 3010 Section: 034

Reading and Research (112981)

Jane Kamensky

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

FAS: Course Level	Graduate Course

History 3010 Section: 034

Reading and Research (112981)

Jane Kamensky

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History 3010 Section: 035

Reading and Research (112981)

William Kirby

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

History 3010 Section: 035

Reading and Research (112981)

William Kirby

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History 3010 Section: 036

Reading and Research (112981)

James Kloppenberg

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History 3010 Section: 036

Reading and Research (112981)

James Kloppenberg

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

History 3010 Section: 037

Reading and Research (112981)

Jill Lepore

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

History 3010 Section: 037

Reading and Research (112981)

Jill Lepore

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General

Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

History 3010 Section: 038

Reading and Research (112981)

Mary Lewis

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

History 3010 Section: 038

Reading and Research (112981)

Mary Lewis

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate**

School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

History 3010 Section: 039

Reading and Research (112981)

Fredrik Logevall

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

History 3010 Section: 039

Reading and Research (112981)

Fredrik Logevall

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

History 3010 Section: 040

Reading and Research (112981)

Erez Manela

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History 3010 Section: 040

Reading and Research (112981)

Erez Manela

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

FAS Course Roll	FAS Course Roll

History 3010 Section: 041

Reading and Research (112981)

Terry Martin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

History 3010 Section: 041

Reading and Research (112981)

Terry Martin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History 3010 Section: 042

Reading and Research (112981)

Michael McCormick

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History 3010 Section: 042

Reading and Research (112981)

Michael McCormick

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History 3010 Section: 043

Reading and Research (112981)

Lisa McGirr

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

History 3010 Section: 043

Reading and Research (112981)

Lisa McGirr

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History 3010 Section: 044

Reading and Research (112981)

Tiya Miles

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General

Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History 3010 Section: 044

Reading and Research (112981)

Tiya Miles

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History 3010 Section: 045

Reading and Research (112981)

Ian J. Miller

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate**

School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History 3010 Section: 045

Reading and Research (112981)

Ian J. Miller

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

History 3010 Section: 046

Reading and Research (112981)

Afsaneh Najmabadi

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History 3010 Section: 046

Reading and Research (112981)

Afsaneh Najmabadi

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History 3010 Section: 047

Reading and Research (112981)

Derek Penslar

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

FAS Divisional Distribution	None

History 3010 Section: 047

Reading and Research (112981)

Derek Penslar

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History 3010 Section: 048

Reading and Research (112981)

Serhii Plokhii

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

History 3010 Section: 048

Reading and Research (112981)

Serhii Plokhii

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History 3010 Section: 049

Reading and Research (112981)

Intisar Rabb

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

History 3010 Section: 049

Reading and Research (112981)

Intisar Rabb

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History 3010 Section: 050

Reading and Research (112981)

Emma Rothschild

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History 3010 Section: 050

Reading and Research (112981)

Emma Rothschild

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General

Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History 3010 Section: 051

Reading and Research (112981)

Daniel Smail

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History 3010 Section: 051

Reading and Research (112981)

Daniel Smail

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate**

School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

History 3010 Section: 052

Reading and Research (112981)

Michael Szonyi

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

History 3010 Section: 052

Reading and Research (112981)

Michael Szonyi

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History 3010 Section: 053

Reading and Research (112981)

Kirsten Weld

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History 3010 Section: 053

Reading and Research (112981)

Kirsten Weld

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

FAS: Course Level	Graduate Course

History 3010 Section: 054

Reading and Research (112981)

Charles Donahue

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

History 3010 Section: 054

Reading and Research (112981)

Charles Donahue

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

History 3010 Section: 055

Reading and Research (112981)

David Shumway Jones

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

History 3010 Section: 055

Reading and Research (112981)

David Shumway Jones

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

History 3010 Section: 056

Reading and Research (112981)

Sophus Reinert

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History 3010 Section: 056

Reading and Research (112981)

Sophus Reinert

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

History 3010 Section: 057

Reading and Research (112981)

Ahmed Ragab

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instructors listed above under History 3010 supervise individual work in preparation for the General

Examination for the PhD degree.

Course Notes: **Limited to candidates for the PhD who are in residence, who have been for a year in residence, and who are in good standing in the Graduate School. May ordinarily be taken only in preparation for a field (or fields) to be examined on the General Examination. May not be counted toward the AM degree except by permission of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

History 3900

Writing History: Approaches and Practices (110673)

Mary Lewis

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required of and limited to first-year doctoral students in History, HMES, and HEAL.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History 3920A

Colloquium on Teaching Practices (125097)

Sidney Chalhoub

2019 Fall (2 Credits) **Schedule:** R 0345 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required of and open only to all third-year history department graduate students. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Indivisible Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

History 3920B

Colloquium on Teaching Practices (160386)

Sidney Chalhoub

2020 Spring (2 Credits) **Schedule:** R 0345 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required of and open only to all third-year history department graduate students. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
Course Search Attributes	Display Only in Course Search
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
Full Year Course	Indivisible Course

History and Literature

Subject: History & Literature

History & Literature 90AT

The Postwar American Road Narrative (108091)

Patrick Whitmarsh

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course examines a vibrant subgenre of post-World War II American literature. We will read major novels by Kerouac, Nabokov, and Didion as well as less familiar (yet still fascinating) writings by Hunter S. Thompson, Tom Wolfe, Patricia Highsmith, Ralph Ellison, and others. In addition, students can expect to analyze both primary and secondary historical sources, while giving some attention to visual art (e.g. John Chamberlain) and to film (e.g. Bonnie and Clyde).

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students

History & Literature 90CF

The American Prison & The Literature of Punishment (203218)

Thomas Dichter

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

The United States currently keeps more people behind bars than any other country. While the US's emergence as the leader in incarceration rates is relatively recent, the prison has loomed large in American public life for 200 years. In this class, we will approach the prison not as a marginal phenomenon, but as an institution central to American culture. Readings include works of literature by and about prisoners as well as reformers' pamphlets, sociological studies, government reports, and inmate manifestos. We will trace debates about freedom and captivity from the birth of the penitentiary through the era of mass incarceration.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

History & Literature 90CU

Fashion and Slavery (205574)

Jonathan Square

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course examines the politics of fashion among people of African descent during slavery and the period immediately followed emancipation. Fashion is generative, yet underutilized analytic to explore the experience of the enslaved and their descendants. Geographical breadth is crucial to examining the African Diaspora in its full complexity; therefore, course material will cover the United States, Caribbean, Latin America, and Africa. We will examine in particular the relationship between slave consumerism and the development of modern capitalism in the Atlantic World. Other topics of the course will include: sumptuary law, wealth accumulation among the enslaved and formally enslaved, honor and respectability politics, commodification of the enslaved, gendered sartorial expression, etc.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

History & Literature 90DG

Everyday Life in Cold War Berlin (207846)

Briana Smith

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

In this course, we will examine the history of Berlin from the "rubble years" after World War II, through the aftermath of German unification in the 1990s from the perspective of the history of everyday life. Our discussion of diaries, primary source documents, historical studies, literature, films, art, and music produced in divided Berlin will reveal how the divided city shaped individual lives and subjectivities, and how individual Berliners shaped the history of Cold War Berlin.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

History & Literature 90DH

Students at the Barricades: Student Activism in Global Perspective (207847)

Beatrice Wayne

2019 Fall (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

What is the role of the student in the struggle for global justice? Do students bear particular responsibility in addressing global inequalities? How does student activism differ from other forms of activism, and how do they intersect? Has student activism changed over time, and have different student movements across the world exhibited different characteristics? What are the economic, cultural and political factors that have animated the emergence of vibrant student movements? And how has this particular form of activism been

portrayed and fostered through literature and film? This course will explore the role that students have played and continue to play in social justice movements around our world. Throughout our study of student mobilization across time and geographies, we will debate how these movements should be understood, and the role they play in altering social values, practices and institutions. The purpose of this course is to theorize the ways in which these critical movements come into being and their consequences. This course aims to be directly relevant to your lives as students, and to encourage you to think broadly about the struggle to enact change in our world.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

History & Literature 90DI

Speculative Fictions in Multiethnic America (207848)

Ellen Song

2019 Fall (4 Credits) **Schedule:** R 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Speculative fiction, especially science fiction, is known to be a predominantly white genre; data from one source, the sci-fi trade journal *Locus*, indicates that less than 5% of SF and fantasy books published are by writers of color. This course examines in an intentionally multi-ethnic framework speculative fiction written by African American, Asian American, and white authors alike in the 20th and 21st centuries, which opens us up to the diversity of themes, concepts, and settings to be found – should we be interested in looking for it. From the early Afro-futurism of W.E.B Du Bois's "The Comet," to the techno-orientalism of Paolo Bacigalupi's *The Windup Girl*, to the environmental critique of Karen Tei Yamashita's *Through the Arc of the Rainforest*, contemporary speculative fiction asks us to imagine a world completely alien to us and works to uncover the hidden operations, institutions, and power structures of our own – often, though not always, at the same time. Yet, some of the authors examined in this course also reveal that their writings are not necessarily dictated or primarily influenced by their identity markers. Ultimately, in this course, we will gain a nuanced appreciation for the breadth of conceptual concerns covered in contemporary speculative fiction. We will also learn to read both with and against the grain of our expectations as readers, and to use this fluidity to reflect on the ethical dimensions of reading and writing.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

History & Literature 90DJ

From Wounded Knee to Standing Rock: Native America in the Twentieth Century (207849)

Christopher Clements

2019 Fall (4 Credits) **Schedule:** M 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course will explore various forms of Native American cultural and political production in the twentieth century. Drawing on fiction, film, historical documents, documentaries, photographs, nonfiction, and memoirs, this class will explore the ways in which Indigenous people have articulated both belonging and separateness from the United States. In addition to its focus on key aspects of modern indigenous culture and politics—sovereignty, self-determination, decolonization, anti-racism, gender equality, and land claims, to name a few—we will also consider broader conceptual questions. What, for example, is the relationship between indigeneity and modernity? Does the twentieth century mark a distinct break from the first four hundred years of Native-settler history? How does settler colonialism intersect with other forms of oppression? And, why have events like Wounded Knee II and Standing Rock gained support from wider, non-indigenous publics while issues like police brutality against Native people and the ongoing crisis of Missing and Murdered Indigenous Women (MMIW) have not?

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

History & Literature 90DK

Asian/American Graphic Novels (207850)

Catherine Nguyen

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

The seminar works through Asian American literature by focusing on the genre and form of comics and graphic novels. Through these illustrative and textual works, we will explore the Asian American experience of immigration and racial difference as well as the construction of Asian American identity and representation through possible works, such as Adrian Tomine's Shortcomings, and Thi Bui's The Best We Could Do. The course will also open up to consider the transnational and global literature of Asian/American graphic novels from other sites of Asian migration and diaspora, including Vietnamese Australian Matt Huynh's *The Boat*, Japanese Gengoroh Tagame's *My Brother's Husband*, and Korean Belgian adoptee Jung's *Couleur de peau: miel*. As such, this course seeks to examine literary works and cultural productions in the form of comics and graphic novels that engage with and articulate the Asian American experience as well as the sense of being Asian in the world. The seminar will also have an art workshop series on the practice of developing and drawing comics and graphic novels with an eye towards the creative option of the final project. This workshop will be led by local-MA comic artist Erica Henderson and is an integral part of the seminar, and students are required to attend and participate in all workshops.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students

History & Literature 90DO

Old Weird America (207854)

Jennifer Brady

2019 Fall (4 Credits) **Schedule:** R 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This seminar focuses on the United States before 1865. Poised halfway between our current moment and the seemingly archaic, superstitious fervor of the Salem Witch Trials, America in the antebellum era was in the process of fitfully, at times reluctantly, becoming modern. We will focus on strange objects—daguerreotypes of dead children, the spectacles created by P. T. Barnum, the seedy newspapers of antebellum New York—and texts that figure the disorienting changes to media, transportation, personhood, and nation that unfolded as the United States settled uneasily into nationhood. Considering literary and subliterary texts, religious beliefs, visual culture, and political practices with an eye to race, gender, sexuality, and class, students will learn about a period that is in many respects deeply alien to contemporary Americans but offers surprising moments of coincidence with the present.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

History & Literature 90DR

American Speeches (212821)

Drew Faust

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course will explore speeches across the sweep of American history, examining them both as windows into their own era and as texts created to inform and persuade. We will ask who speaks and how and the ways that has evolved over time, and we will seek to identify the enduring and changing elements of effective oratory from Jonathan Edwards to Frederick Douglass to J.K. Rowling's Harvard commencement address, to the emergence of TED. Assignments will include the composition and delivery of a speech.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

History & Literature 90DT

Asian American History (212823)

Mark Sanchez

2019 Fall (4 Credits) **Schedule:** M 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course will focus on Asian American history from the 19th and early 20th centuries. Our aim will be to engage the longer history of Asian migration and labor in the United States. As such, we will focus on topics prior to the Immigration Act of 1924 (also sometimes known as the Asian Exclusion Act). We will explore how empire, capital, and labor informs the transnational movements of ideas, commodities, and

people. Topics we will discuss include coolie labor, immigration exclusion, and U.S. empire. Readings and discussions will aim to think through how ideas of race, gender, and sexuality operate and change over time within these histories. Our readings will focus on monographs on Asian American history combined with primary sources.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

History & Literature 90DU

Queer Oral Histories (212824)

Devin McGeehan Muchmore

2019 Fall (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course introduces students to twentieth-century U.S. LGBTQ history through a deep engagement with one of its signature methods-—oral history. Oral history has been an essential method for queer historians because personal narratives shed light on the experiences, perceptions, and desires of sexual and gender minorities who too often appear in textual records only as criminals or patients, if they appear at all. Yet far from being a transparent or privileged window into the past, oral history practice highlights how emotions, memory, identity, and power shape historical knowledge production. By reading life histories and other genres of personal testimony alongside scholarly articles and monographs, documentary films, performance, and public history projects, students will develop analytical tools for thinking through the complexities of historical research and interpretation. The final assignment asks students to collect and analyze life histories related to Harvard's LGBTQ history.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

History & Literature 90DV

Red Scares (212825)

Steven Biel

Lauren Kaminsky

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

When, in his 2019 State of the Union address, President Trump said, "We are born free, and we will stay free. Tonight, we renew our resolve that America will never be a socialist country," he invoked American rhetoric that is at least one hundred years old. The first so-called Red Scare, precipitated by World War I and the Bolshevik Revolution in Russia, produced the Espionage Act, which was recently used to charge former CIA analyst Edward Snowden in the leak of classified documents related to the NSA's surveillance program. In the second Red Scare that followed World War II, the House Un-American Activities Committee

(HUAC), Senator Joseph McCarthy, the FBI, and others conducted widespread investigations of suspected communists and purged "subversives" from all levels of government, the entertainment industry, public and private schools, colleges and universities. Beginning with early 20th-century fears that revolutionary socialism could spread from Russia around the world, this course explores anxieties about subversion and perversion in American politics and culture at the dawn of the Cold War. Readings will include texts by Emma Goldman, Sacco and Vanzetti, John Dos Passos, Langston Hughes, Elia Kazan, Richard Wright, Lillian Hellman, E. L. Doctorow, and Tony Kushner, as well as films such as *The Manchurian Candidate*, *Pickup on South Street*, *Invasion of the Body Snatchers*, *My Son John*, and *On the Waterfront*. Assignments will include research involving Harvard archives and FBI files.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

History & Literature 90DW

Queering the South: Race, Gender, & Sexuality in the American South (213371)

Andrew Pope

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

The course examines the intertwined histories of race, gender, and sexuality in the American South from the end of Reconstruction in 1877 through the present. We will consider how struggles for gender and sexual freedom are linked to race in the modern South. The course proceeds along two tracks: first, we gain knowledge about the lives of women, trans people, and gay people in the South. Second, we consider how African Americans, women, and LGBTQ individuals struggled for freedom and how these efforts changed over time in response to opposition, developments elsewhere in the world, and victories. We will explore the circumstances under which people from different backgrounds come together in pursuit of a common goal and the times when conflicts arise. We will read poetry and novels, manifestos and diaries, and secondary literature written by historians. In addition, we'll watch videos and listen to music to understand the different ways people queered the South during the last century. The course recognizes that Southerners do not fit neatly into racial, gender, or sexual boxes and so investigates the intersections of identities to lend complexity and verve to the histories of people often forgotten.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

History & Literature 90DX

Environmental Justice in North America (213372)

Arianne Urus

2019 Fall (4 Credits) **Schedule:** W 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course examines how the right to natural resources became contested in North America following European conquest and westward expansion, with a particular emphasis on the period before 1865. Sometimes these contested resources have been clean air, soil, and water, while at other times they included fisheries, forests, agricultural fields, animal pastures, or oil. From when pilgrims first arrived at Plymouth Rock in 1620, race, class, and gender have been the determining factors in regulating resource access rights. We will explore the social, political, and economic processes by which some people have been denied the basic right to resources by studying the histories of European colonization, indigenous dispossession, the enslavement of Africans, "Manifest Destiny," and the rise of capitalism. We will look at the diversity of indigenous resource management regimes at work across the continent, and consider how these methods changed in response to encounters with colonialism and capitalism. We will interrogate what happens when natural resources become capitalist commodities, and how the history of European colonialism heralded the transformation of North American nature—a process which produced such contradictions as the beauty of Yellowstone National Park and the carnage of the Cuyahoga River which famously caught on fire in downtown Cleveland in 1969. Throughout the semester alongside these transformations we will study the ways people organized in response to them. The course culminates with the 2016-17 protests at Standing Rock to ask how the past informs the future of resource conflict between the government and business on one side and indigenous and other underrepresented populations on the other in the twenty-first century.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

History & Literature 90DY

Race and American Empire (213373)

Ernest Mitchell

2019 Fall (4 Credits) **Schedule:** R 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course examines the early 20th century expansion of U.S. military influence in the Atlantic and Pacific, and how this expansion shaped and was shaped by theories of race. Beginning with the Spanish-American War (1898), we will follow a series of U.S. interventions in the Atlantic (Cuba, Dominican Republic, Haiti, Honduras, Mexico, Nicaragua, Panama, Puerto Rico, Venezuela) and Pacific (Guam, Hawaii, Philippines). We will also explore the tensions between imperialism and white supremacy, as theorized by Madison Grant and Lothrop Stoddard. Special attention will be paid to black intellectuals (W.E.B. Du Bois, Anna Julia Cooper, Katherine Dunham, Jessie Fauset, Amy Jacques Garvey, Langston Hughes, Zora Neale Hurston, James Weldon Johnson, Eric Walrond, Ida B. Wells) who both aided and contested U.S. imperial designs. Through photographs, architecture, film, novels, ethnographies, memoirs, speeches, and cartoons, we will study debates about the international role of the U.S. through World War II.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

History & Literature 90DZ

Too Soon? Comedy in Europe's Tragic Twentieth Century (213374)

Kathryn Brackney

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

In the first half the twentieth century, Europe was the site of two wars that depleted the world's population, dislocated millions, and stripped once diverse regions of the continent of their minority populations. Even as Europe started to rebuild itself in the 1950s, progress occurred under the shadow of two hegemonic superpowers in possession of weapons capable of incinerating not just both sides of the Iron Curtain but the entire planet. What cultural role has comedy played in coming to terms with all of this tragedy? In a 1966 profile of Bertolt Brecht for *The New Yorker*, Hannah Arendt wrote of "the terrible freshness of the post-war world"—in which all that poets could do in the rubble was laugh at the sky that remained. As Europe destroyed and reinvented itself through the twentieth century, how did humor serve as a tool for working through the past and its relation to the present? This course will draw on sources in various media to examine how comedy can be a means of not just coping with history but understanding it. We will consider humor as a tool of political critique, historical analysis, and mourning and pay particular attention to the boundaries and historicity of taste. Assigned readings and films include works by Terry Eagleton, Sigmund Freud, Hannah Arendt, Karel Čapek, Ernst Lubitsch, Jean-Luc Godard, Milos Forman, Leander Haußmann, and Yasemin Şamdereli.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

History & Literature 90EA Section: 1

Water Justice and Resistance in the Americas (213375)

James Mestaz

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Water is life, but is it a human right? Water governance is a contentious issue globally because humans rely on water for nearly every productive activity; moreover, it is often scarce and not distributed equally. To better understand the persistence and escalation of struggles over water access around the world, this course uses a multidisciplinary approach that allows students to examine both the social and physical shape of water in a modern and historical context. While all bodies of water deserve mention, civilizations have most often centered on rivers acting as veins pumping their life blood. This class discusses water issues in a global context, but pays particular attention to populations from South America through Canada. This course often takes an ethno-gendered approach by specifically examining women's and indigenous peoples' hydraulic social mobilization practices through the lens of their physical and cultural connection to water sources. Students will have the opportunity to interrogate the complexity of water policies, and learn how marginalized groups executed water justice strategies to defend their identity, material wealth, and health.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

History & Literature 90EB

Gender and Empire in the Modern Mediterranean (213376)

John Boonstra

2020 Spring (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Questions of empire are fundamentally intertwined with questions of gender. This course will focus on the imperial and intercultural contact zones of the Mediterranean—at once connecting and dividing Europe, the Middle East, and North Africa—from the eighteenth to the twenty-first century. With an interest both in men's and women's experiences and in representations of masculinity and femininity, our inquiry will also straddle the divide between colonizer and colonized. Readings will include both primary and secondary sources, ranging from images, novels, and films to memoirs, testimonials, and government documents, and from Edward Said and Frantz Fanon to Assia Djebar and Tahar Ben Jelloun. Students will learn to assess how modern imperial encounters were mediated by gendered logics of power; how these overlapped with dynamics of race, class, and nation; and how the Mediterranean region itself gave rise to different understandings of gender and empire.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

History & Literature 91

Supervised Reading and Research (112896)

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

History and Literature concentrators may arrange individually supervised reading and research courses; the permission of the Director of Studies is required for these courses.

Course Notes: **History and Literature concentrators may arrange individually supervised reading and research courses; the permission of the Director of Studies is required for these courses.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

History & Literature 91

Supervised Reading and Research (112896)

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

History and Literature concentrators may arrange individually supervised reading and research courses; the permission of the Director of Studies is required for these courses.

Course Notes: **History and Literature concentrators may arrange individually supervised reading and research courses; the permission of the Director of Studies is required for these courses.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students

History & Literature 97

Tutorial - Sophomore Year (113717)

Lauren Kaminsky

Reed Gochberg

Jonathan Square

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Introduction to interdisciplinary methods and to topics in students' chosen fields. Required of all concentrators. Open only to concentrators.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students

History & Literature 97 Section: 002

Tutorial - Sophomore Year (113717)

Lauren Kaminsky

Ernest Mitchell

Andrew Pope

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Introduction to interdisciplinary methods and to topics in students' chosen fields. Required of all concentrators. Open only to concentrators.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

History & Literature 97 Section: 003

Tutorial - Sophomore Year (113717)

Lauren Kaminsky

Catherine Nguyen

Beatrice Wayne

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Introduction to interdisciplinary methods and to topics in students' chosen fields. Required of all concentrators. Open only to concentrators.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

History & Literature 97 Section: 004

Tutorial - Sophomore Year (113717)

Lauren Kaminsky

Briana Smith

Duncan White

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Introduction to interdisciplinary methods and to topics in students' chosen fields. Required of all concentrators. Open only to concentrators.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

History & Literature 97 Section: 005

Tutorial - Sophomore Year (113717)

Lauren Kaminsky

Alan Niles

Arianne Urus

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Introduction to interdisciplinary methods and to topics in students' chosen fields. Required of all concentrators. Open only to concentrators.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

History & Literature 97 Section: 006

Tutorial - Sophomore Year (113717)

Lauren Kaminsky

Mark Sanchez

Ellen Song

2020 Spring (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Introduction to interdisciplinary methods and to topics in students' chosen fields. Required of all concentrators. Open only to concentrators.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

History & Literature 97 Section: 007

Tutorial - Sophomore Year (113717)

Lauren Kaminsky

Alex Corey

Christopher Clements

2020 Spring (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Introduction to interdisciplinary methods and to topics in students' chosen fields. Required of all concentrators. Open only to concentrators.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students

History & Literature 97 Section: 008

Tutorial - Sophomore Year (113717)

Lauren Kaminsky

Devin McGeehan Muchmore

Victoria Wiet

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Introduction to interdisciplinary methods and to topics in students' chosen fields. Required of all concentrators. Open only to concentrators.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

History & Literature 98

Tutorial - Junior Year (111935)

Lauren Kaminsky

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An individually supervised study of selected topics in the student's chosen field in History and Literature.

Course Notes: **Ordinarily taken as two half courses by juniors. Required of all concentrators.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

History & Literature 98

Tutorial - Junior Year (111935)

Lauren Kaminsky

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

An individually supervised study of selected topics in the student's chosen field in History and Literature.

Course Notes: **Ordinarily taken as two half courses by juniors. Required of all concentrators.**

Requirements: **History and Literature Junior Concentrators Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

History & Literature 98 Section: 002

Tutorial - Junior Year (111935)

Lauren Kaminsky

Ellen Song

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An individually supervised study of selected topics in the student's chosen field in History and Literature.

Course Notes: **Ordinarily taken as two half courses by juniors. Required of all concentrators.**

Requirements: **History and Literature Junior Concentrators Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

History & Literature 98 Section: 003

Tutorial - Junior Year (111935)

Lauren Kaminsky

Kathryn Brackney

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An individually supervised study of selected topics in the student's chosen field in History and Literature.

Course Notes: **Ordinarily taken as two half courses by juniors. Required of all concentrators.**

Requirements: **History and Literature Junior Concentrators Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

History & Literature 98 Section: 004

Tutorial - Junior Year (111935)

Lauren Kaminsky

Balraj Gill

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An individually supervised study of selected topics in the student's chosen field in History and Literature.

Course Notes: **Ordinarily taken as two half courses by juniors. Required of all concentrators.**

Requirements: **History and Literature Junior Concentrators Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

History & Literature 98 Section: 005

Tutorial - Junior Year (111935)

Lauren Kaminsky

Laura Nelson

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An individually supervised study of selected topics in the student's chosen field in History and Literature.

Course Notes: **Ordinarily taken as two half courses by juniors. Required of all concentrators.**

Requirements: **History and Literature Junior Concentrators Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

History & Literature 98 Section: 006

Tutorial - Junior Year (111935)

Lauren Kaminsky

Lucy Caplan

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An individually supervised study of selected topics in the student's chosen field in History and Literature.

Course Notes: **Ordinarily taken as two half courses by juniors. Required of all concentrators.**

Requirements: **History and Literature Junior Concentrators Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

History & Literature 98 Section: 007

Tutorial - Junior Year (111935)

Lauren Kaminsky

Mark Sanchez

2020 Spring (4 Credits) **Schedule:** M 0200 PM - 0400 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An individually supervised study of selected topics in the student's chosen field in History and Literature.

Course Notes: **Ordinarily taken as two half courses by juniors. Required of all concentrators.**

Requirements: **History and Literature Junior Concentrators Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

History & Literature 98 Section: 008

Tutorial - Junior Year (111935)

Lauren Kaminsky

John Boonstra

2020 Spring (4 Credits) **Schedule:** R 0815 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An individually supervised study of selected topics in the student's chosen field in History and Literature.

Course Notes: **Ordinarily taken as two half courses by juniors. Required of all concentrators.**

Requirements: **History and Literature Junior Concentrators Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

History & Literature 98 Section: 009

Tutorial - Junior Year (111935)

Lauren Kaminsky

James Mestaz

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An individually supervised study of selected topics in the student's chosen field in History and Literature.

Course Notes: **Ordinarily taken as two half courses by juniors. Required of all concentrators.**

Requirements: **History and Literature Junior Concentrators Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

History & Literature 98 Section: 010

Tutorial - Junior Year (111935)

Lauren Kaminsky

Catherine Nguyen

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An individually supervised study of selected topics in the student's chosen field in History and Literature.

Course Notes: **Ordinarily taken as two half courses by juniors. Required of all concentrators.**

Requirements: **History and Literature Junior Concentrators Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

History & Literature 98 Section: 011

Tutorial - Junior Year (111935)

Lauren Kaminsky

Alex Corey

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An individually supervised study of selected topics in the student's chosen field in History and Literature.

Course Notes: **Ordinarily taken as two half courses by juniors. Required of all concentrators.**

Requirements: **History and Literature Junior Concentrators Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

History & Literature 98 Section: 012

Tutorial - Junior Year (111935)

Lauren Kaminsky

Michael King

2020 Spring (4 Credits) **Schedule:** R 0200 PM - 0400 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An individually supervised study of selected topics in the student's chosen field in History and Literature.

Course Notes: **Ordinarily taken as two half courses by juniors. Required of all concentrators.**

Requirements: **History and Literature Junior Concentrators Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

History & Literature 98 Section: 013

Tutorial - Junior Year (111935)

Lauren Kaminsky

Christopher Clements

2020 Spring (4 Credits) **Schedule:** W 1000 AM - 1200 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An individually supervised study of selected topics in the student's chosen field in History and Literature.

Course Notes: **Ordinarily taken as two half courses by juniors. Required of all concentrators.**

Requirements: **History and Literature Junior Concentrators Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

History & Literature 98 Section: 014

Tutorial - Junior Year (111935)

Lauren Kaminsky

Patrick Whitmarsh

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An individually supervised study of selected topics in the student's chosen field in History and Literature.

Course Notes: **Ordinarily taken as two half courses by juniors. Required of all concentrators.**

Requirements: **History and Literature Junior Concentrators Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

History & Literature 98 Section: 015

Tutorial - Junior Year (111935)

Lauren Kaminsky

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An individually supervised study of selected topics in the student's chosen field in History and Literature.

Course Notes: **Ordinarily taken as two half courses by juniors. Required of all concentrators.**

Requirements: **History and Literature Junior Concentrators Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students

FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

History & Literature 98 Section: 016

Tutorial - Junior Year (111935)

Lauren Kaminsky

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An individually supervised study of selected topics in the student's chosen field in History and Literature.

Course Notes: **Ordinarily taken as two half courses by juniors. Required of all concentrators.**

Requirements: **History and Literature Junior Concentrators Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

History & Literature 98 Section: 017

Tutorial - Junior Year (111935)

Lauren Kaminsky

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An individually supervised study of selected topics in the student's chosen field in History and Literature.

Course Notes: **Ordinarily taken as two half courses by juniors. Required of all concentrators.**

Requirements: **History and Literature Junior Concentrators Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

History & Literature 98 Section: 018

Tutorial - Junior Year (111935)

Lauren Kaminsky

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An individually supervised study of selected topics in the student's chosen field in History and Literature.

Course Notes: **Ordinarily taken as two half courses by juniors. Required of all concentrators.**

Requirements: **History and Literature Junior Concentrators Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

History & Literature 98 Section: 019

Tutorial - Junior Year (111935)

Lauren Kaminsky

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An individually supervised study of selected topics in the student's chosen field in History and Literature.

Course Notes: **Ordinarily taken as two half courses by juniors. Required of all concentrators.**

Requirements: **History and Literature Junior Concentrators Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

History & Literature 98 Section: 020

Tutorial - Junior Year (111935)

Lauren Kaminsky

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An individually supervised study of selected topics in the student's chosen field in History and Literature.

Course Notes: **Ordinarily taken as two half courses by juniors. Required of all concentrators.**

Requirements: **History and Literature Junior Concentrators Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	None

History & Literature 99

Tutorial - Senior Year (115758)

Lauren Kaminsky

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Research and writing of the senior thesis; preparation for the oral exam.

Course Notes: **Ordinarily taken by seniors as a full course. Required of all concentrators.**

Requirements: **History and Literature Senior Concentrators Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

History & Literature 99

Tutorial - Senior Year (115758)

Lauren Kaminsky

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Research and writing of the senior thesis; preparation for the oral exam.

Course Notes: **Ordinarily taken by seniors as a full course. Required of all concentrators.**

Requirements: **History and Literature Senior Concentrators Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration

History of Art and Architecture

Subject: History of Art & Architecture

History of Art & Architecture 11

Landmarks of World Architecture (113337)

David Roxburgh

Lisa Haber-Thomson

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Examines major works of world architecture and the unique aesthetic, cultural, and historical issues that frame them. Faculty members will each lecture on an outstanding example in their area of expertise, drawing from various historical periods and diverse cultures such as modern and contemporary Europe and America, early modern Japan, Mughal India, Renaissance Europe, and ancient Egypt. Weekly discussion sections will develop thematically, expanding on the given examples to focus on significant issues in the analysis and interpretation of architecture.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Art & Architecture 12Y

GENGHIS KHAN AND HIS SUCCESSORS:
ART IN THE WAKE OF THE MONGOL CONQUESTS (114627)

David Roxburgh

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Is Genghis Khan's characterization "as terrifying as genocide and as dreadful as the plague" (Time, Dec. 31, 1999) sufficient? His legacy entailed the destruction of social and cultural order, but paradoxically, his empire also forged a dynamic relationship between nomadic and sedentary societies. Genghis Khan's successors fostered a climate of intense cultural activity in art and architecture, producing complex fusions of artistic traditions between the Middle East and China. These are the major concerns of the course, which focuses on the art and architecture produced from the thirteenth century on under Genghis Khan and his successors. Genghis Khan and his Mongol horde traversed Eurasia to create a world empire, their most enduring legacy stamped on the lands of Iran and Central Asia through their successors, the Ilkhanid and Timurid dynasties. This imperial order established a new relationship between nomadic and sedentary societies, an ongoing symbiosis of "steppe" and "sown." To bolster their claim to rule, successive leaders exploited the knowledge of indigenous bureaucrats and craftsmen to execute their cultural program. Regional artistic traditions were manipulated and transformed into new hybrids that could demonstrate the ruler's power to the nomadic elite and to the multi-cultural urban populations under their control. These works reveal an evolving political structure and social order. The course examines how meanings are

encoded through language, forms, and aesthetic features, how they are made legible, and how they may function as propaganda.

The environments from which the Mongols emerged and into which they journeyed are initially considered in terms of the heritage, culture, and ecology of the Mongols and the peoples of the lands they conquered. How did the Mongols remember their nomadic past as the balance of their lives shifted, when they became increasingly sedentarized? Which symbolic elements could be easily translated through the available forms of sedentary art and architecture? In subsequent lectures, key monuments of Ilkhanid and Timurid art and architecture will provide a framework for analyzing different facets of the process of cultural assimilation, the changing Mongol response—at first hostile and then receptive—to the sedentarized cultures that they encountered and then ruled.

Key readings are extracted from a wealth of recent literature in addition to primary sources available in English translation. No previous classes in Islamic art and architecture or in Middle Eastern history and culture are required.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

History of Art & Architecture 16D

Northern Renaissance and Baroque Painting and Sculpture: Van Eyck to Vermeer (131346)

Joseph Koerner

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Between 1400 to 1700 artists in Northern Europe created new imagery and new image technologies that helped lay the foundations of our modern world. We explore painting, sculpting, and printmaking in Germany, the Netherlands, France, and England, looking closely at the art of Van Eyck, Bosch, Dürer, Holbein, Bruegel, Rubens, Rembrandt, Vermeer, and many others. We also study the violent struggles about art that broke out during this period, as people killed each other over whether images were the enemy of truth. Meanwhile, printing emerged as a powerful means for communication, changing forever the experience of art.

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

History of Art & Architecture 17K

Introduction to Contemporary Art (207735)

Carrie Lambert-Beatty

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This class is about encountering the art of your time. You will learn why artists today have such a different range of choices than their counterparts in other periods, and how to make sense of the experiences they create, in order to take up the opportunities contemporary art provides: to retune your senses, reassess your assumptions, and reencounter matters that concern you as one of the globally interconnected, differently positioned constituents of the contemporary period.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

History of Art & Architecture 17Z

Black Rock, White City: Australian Architecture from earliest times to the present (213561)

Philip Goad

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Long regarded, often romantically, as an edge condition both intellectually and geographically, the architecture of Australia has charted theoretical and material practices that have realized a unique place in contemporary architectural production. A former British settler colony, highly urbanized and highly modernized, with divided historical, economic and political allegiances to the United Kingdom and the United States but placed within the context of Asia and the Pacific Ocean, possessing natural landscapes of profound beauty and climatic challenge, yet beset by ethical and competing crises of national identity, migration and indigenous reconciliation, the architecture of Australia has been sustained by an archipelago of discrete urban cultures rooted in deeply self-aware critique and frequent anxiety for participation in a broader global conversation.

This course follows the classical structure of an undergraduate program (weekly lectures and sections) to establish a rhythm between thematic issue and case study. The aim is to provide an overview of Australian architecture from earliest times to the present, to establish the links between this field and the key themes of Australian Studies, and to allow students to develop specific understandings of Australian culture within a local and international context. The course content ensures that students encounter architects and Australian people from diverse backgrounds, practice in diverse landscapes and urban settings, and connections to issues outside of the specialized limits of architecture as an art, discipline and profession. The practices of individual architects and firms studied will also introduce students to important works of Australian art, literature, film, music and popular culture.

Within each section, students are simultaneously introduced to prominent Australian architects, critical debates within Australian Studies and broad methodological and historiographical concepts in the interpretation of architecture and architectural history. In chronology and method, the course proposal parallels the current curriculum emphasis on cross-cultural and political aspects of the art and architecture of the twentieth century with the Harvard History of Art and Architecture program.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Art & Architecture 19Z

Introduction to the Arts of Pre-Columbian America (207737)

Thomas Cummins

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This is a general introduction to and survey of the arts of Ancient America. We will look at both Mesoamerica and the Andean art and architecture beginning with some of the earliest cultures and ending with Aztec, Maya, Muisca and Inca. Questions about the materials, urban planning,meaning and aesthetics will be addressed. The course will also take advantage of the great collections at the Peabody Museum as well as the MFA. There are no prerequisites.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Art & Architecture 56G

Spanish Golden Age Painting: Truth and Deceit (205401)

Felipe Pereda

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The art of the Spanish Golden Age is well known for its radical naturalism, on the one hand, and its intense religious imagery, on the other. This course will be an introduction to the major artists of this period – Murillo, Velázquez, Zurbarán and others— from the point of view of painting's power to produce visual illusions and deceive their spectators. Consequently, the course will consider artistic tropes of illusion and disillusionment in relation to early modern debates on belief and skepticism.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

History of Art & Architecture 61P

Between Life and Art: Sculpture in Italy and Spain, 1400-1700 (212788)

Felipe Pereda

Shawon Kinew

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

**This course examines sculpture and its principles during the early modern period between the Iberian and Italian peninsulas. Between 1400-1700, sculptors pushed the boundaries of their medium, imbuing the inert with qualities we might consider antithetical: life, motion,
color, and narrative. At the same time, sculpture, potent in its three dimensionality, prompted vigorous questions and debates around its form and function. Each week this course considers a different genre, material or technique. Of particular interest is the theory and practice of sculpture by Donatello, Michelangelo, Benvenuto Cellini, Leoni,
Giambologna, Martínez Montañés, la Roldana and Bernini.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

History of Art & Architecture 91R

Directed Study in History of Art and Architecture (107996)

Yukio Lippit

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Limited to juniors and seniors. Students wishing to enroll must petition the Head Tutor for approval, stating the proposed project, and must have the permission of the proposed instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students

History of Art & Architecture 91R

Directed Study in History of Art and Architecture (107996)

Yukio Lippit

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Limited to juniors and seniors. Students wishing to enroll must petition the Head Tutor for approval, stating the proposed project, and must have the permission of the proposed instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

History of Art & Architecture 92R

Design Speculations: Senior Design Tutorial (207690)

Megan Panzano

Lisa Haber-Thomson

2019 Fall (4 Credits) **Schedule:** R 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 14

This seminar will serve as a design platform for inquiry, documentation and analysis in relation either to the thesis topic or capstone project of interest to each student. Thesis students will be responsible for selecting a Thesis Advisor (or Advisors) with whom they will meet regularly to develop specific intention, substance and methodology of the thesis research and paper. This seminar is a support of independent thesis and/or independent project research, extending methodological inquiry of the project topic to design where students may convene to collectively discuss and experiment with design speculations – design tests that explore research through the visual and spatial language of architecture. The course will cover topics general to design research with discussions, assignments, and readings focused on three main themes in relation to architectural design: Discourse, the development of a proposition for the role and significance of architecture relative to the project topic of interest; Method, the design steps/process of working through a design application/inquiry of those ideas; and Context, the relationship of the project topic of study to broader surroundings which include but are not limited to the discipline of architecture, cultural contexts, technical developments and/or typologies. The seminar will emphasize and support the translation of ideas emerging from independent research into visual forms of representation including, but not limited to, drawings, diagrams, images, study models, and short animations. The techniques of representation reviewed will be catered to the project topics of individual students, but will also form a part of the general discussion of the course.
HAA 96A Transformations or HAA 96B Connections design studios is a pre-requisite to the Design Speculations course.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Art & Architecture 96A

Architecture Studio I: Transformations (109375)

Iman Fayyad

2020 Spring (4 Credits) **Schedule:** WF 0130 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 18

Architecture assembles multiple models, surfaces, and materials; it is not a single monolithic thing, rather it is comprised of disparate parts and organizational systems operating at different scales. Design, the bringing together of these elements, requires sensitivity, registers scale, and renders perceptual effect. This course is an introductory architectural design studio focused on building foundational architectural concepts and design methodologies studied through a process of making. A series of physical modeling/fabrication assignments explore spatial and organizational transformations as a consequence of the changing interactions among material, fabrication technique, and form. Resultant expressions of space, scale, and perceptual effects are discussed and evaluated in relation to a series of course readings that frame the intentions of each assignment within architectural theory and history discourse.

Both studios in the Architecture Studies Track (Transformations HAA 96A and Connections HAA 96B) explore architectural means and methods of design. Each begins from a different scale of inquiry, but converges at a similar end. This studio originates at the scale of material - focusing on specific capacities and effects thereof as well as the details of assembly - and expands from this to an investigation of an occupiable architectural scale in relation to a dynamic site.

The course emphasizes fluency in the visual and spatial communication of ideas through instruction in 2D drawing and 3D modeling techniques. Technical workshops are provided in choreography with serial assignments encompassing drafting and 3D modeling (AutoCAD + Rhino), techniques of fabrication (Rhino to various outputs), 3D printing, and representational processing (Adobe Creative Suite). The studio exposes students to critical architectural thinking and design methods for more broad disciplinary application following. No particular skill set, technical or otherwise, is a required prerequisite for this course; students from all backgrounds are welcome.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

History of Art & Architecture 96B

Architecture Studio II: Connections (110362)

Elle Gerdeman

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 18

The practice of architecture fundamentally asks us to continuously engage with, and re-conceptualize, the world for which we are designing. As such, architecture as a discipline is not only about designing buildings, but also about challenging us to imagine new ways of seeing the world. This studio takes on the challenge through a series of design exercises focused on understanding, engaging with, and reimaging the urban condition. Throughout the course, we will approach architectural design as both a method of producing urban environments, and also as an avenue through which to understand our cities. We will be directly confronting the social, political, and environmental contexts that are necessarily implicated in any design process.
Both studios in the Architecture Studies Track (Transformations HAA 96A and Connections HAA 96B) explore architectural means and methods of design. Each begins from a different scale of inquiry, but converges towards a similar end. This studio originates at the scale of the urban site, and begins with a set of design research assignments that ask students to imagine the city from the perspective of a non-human

agent. Extrapolating abstract principles from these agents, we will be mobilizing the possibilities of architectural representation to reimagine the city through mapping, diagraming, and collage.
The studio culminates in a design proposal for a site in Harvard Square. Students will be given an architectural brief, and will produce projects that address existing site conditions, programmatic space requirements, and projected users of the site. Technical workshops will provide all the necessary skills required for the course, and will allow students to develop aptitude in architectural drawing, mapping, rendering, and simple animation. No existing expertise or technical proficiency is necessary for this course. Students from all backgrounds are welcome; we will be encouraging interdisciplinary thinking throughout the design research process.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Art & Architecture 97R

Sophomore Methods Tutorial (126539)

Yukio Lippit

Julia Silverman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Group tutorial, offers an introduction to the methods and research skills of art and architectural history.

Course Notes: **Required of concentrators.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

History of Art & Architecture 97R

Sophomore Methods Tutorial (126539)

Yukio Lippit

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Group tutorial, offers an introduction to the methods and research skills of art and architectural history.

Course Notes: **Required of concentrators.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

History of Art & Architecture 98AR

Faculty Tutorial (110650)

Yukio Lippit

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Junior Tutorial consisting of weekly meetings with designated faculty, where regular reading and writing assignments are focused on a topic of mutual interest.

Course Notes: **Required of concentrators, generally in the Junior year.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Art & Architecture 98AR

Faculty Tutorial (110650)

Yukio Lippit

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Junior Tutorial consisting of weekly meetings with designated faculty, where regular reading and writing assignments are focused on a topic of mutual interest.

Course Notes: **Required of concentrators, generally in the Junior year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

History of Art & Architecture 98BR

Junior Group Tutorial (113117)

Yukio Lippit

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Group tutorial, offers concentrators the choice of several study groups investigating a particular field of art of architectural history.

Course Notes: **Required of concentrators, generally in the Junior year.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

History of Art & Architecture 98BR

Junior Group Tutorial (113117)

Isabel Bird

Yukio Lippit

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Group tutorial, offers concentrators the choice of several study groups investigating a particular field of art of architectural history.

Course Notes: **Required of concentrators, generally in the Junior year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

History of Art & Architecture 99A

Tutorial - Senior Year (112484)

Jinah Kim

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

In the fall term, HAA 99 includes several group tutorial meetings with the senior honors adviser, where assignments are aimed at facilitating the writing of a senior honors thesis; spring term consists of independent writing, under the direction of the individual thesis adviser. Part one of a two part series.

Course Notes: **Required of honors candidates in History of Art and Architecture. Permission of the DUS required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Not Available for Cross Registration

Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

History of Art & Architecture 99B

Tutorial - Senior Year (159972)

Jinah Kim

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

In the fall term, HAA 99 includes several group tutorial meetings with the senior honors adviser, where assignments are aimed at facilitating the writing of a senior honors thesis; spring term consists of independent writing, under the direction of the individual thesis adviser. Part two of a two part series.

Course Notes: **Required of honors candidates in History of Art and Architecture. Permission of the Head Tutor required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Divisible Course

History of Art & Architecture 100R

Sophomore Excursion Course (124385)

Jinah Kim

Gulru Necipoglu-Kafadar

Melissa M. McCormick

2020 Spring (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 25

This course introduces sophomore concentrators to on-site study of art and architecture through the case study of a particular geographic and cultural area. This year: India

Course Notes: **Excursion is optional; not a requirement. Open only to HAA Concentrators.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

History of Art & Architecture 124E

Architectural Icons and Landscapes of Early Modern Islamic Empires: Between Transregional & Local (126982)

Gulru Necipoglu-Kafadar

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Between the 16th and 18th centuries, three empires - the Mediterranean-based Ottomans, Safavids in Iran, and Mughals in the Indian subcontinent - developed interconnected yet distinctive architectural, material and visual cultures with individualized ornamental idioms by fusing their common transregional Timurid heritage with local traditions. The course explores connections between empire building, iconic monuments, and garden landscapes with respect to design, materiality, aesthetics, religion, imperial identity, and theories of dynastic legitimacy. Interactions with neighboring regions will be considered (Europe, Uzbek Central Asia, the Deccan and Gujarat Sultanates).

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

History of Art & Architecture 127M

Medieval Architecture in Greater Iran and Central Asia (207669)

David Roxburgh

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

The seminar examines cities and monuments built in Greater Iran and Central Asia from the 11th through 15th centuries spanning three principal dynastic periods (Seljuqs, Mongols, and Timurids). Various functional types—mosques, madrasas, minarets, tombs—, urban systems, and spatial organization are studied including the cities of Baghdad, Bukhara, Herat, Isfahan, Mashhad, Nishapur, Rayy, and Samarqand. We will examine the materials, construction and design processes of buildings, their typologies and morphologies, as well as their relationships to law, religion, climate, social and political life. A variety of primary sources are also considered ranging from geographies to histories and travel narratives.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Art & Architecture 138M

From Byzantium to the British Isles: The Materiality of Late Antiquity (205052)

Evridiki Georganteli

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course explores the extraordinary cultural transformation Europe, the Mediterranean and the Middle East underwent from Diocletian's reorganization of the Roman Empire in the late third century to the Islamic conquest of the Iberian Peninsula in the eighth century. Monuments and sites, sculpture, mosaics, frescoes and ceramics, icons and relics, textiles, coins and seals chart the movement of people, commodities and ideas along routes of warfare, pilgrimage, trade and diplomacy. Was the world of late antiquity still bearing the hallmarks of Roman connectivity, administration and culture? Were Ireland and Anglo-Saxon Englans really the edge of the known world? What was the extent of the Eastern Roman Empire's cultural power in late antique Europe, Africa and the Middle East? How did religious changes influence urban topographies, geographies of power and artistic choices?

Close-up inspection of works of art in the Harvard Art Museums, the Harvard Business School and the Boston Fine Arts Museum; art making in the Harvard Art Museum Materials Lab and the Harvard Ceramics Studios; and study of archaeological records of the Archaeological Exploration of Sardis offer participants a rare insight into one of the most fascinating chapters in the history of art and architecture.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Art & Architecture 143M

The Art of the Court of Constantinople (117550)

Ioli Kalavrezou

2019 Fall (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Concentrates on art and architecture created for the court of Constantinople from the 9th to the 12th century. Focuses on objects and monuments, exploring their role in political, religious, and personal events.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Art & Architecture 170G

Harvard Square (212807)

Suzanne Blier

2020 Spring (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Harvard Square has a rich history; under its earlier name of Newtowne (founded in 1630), it was once the site of the Massachusetts capital. Much has changed. This class looks back on the many changes Harvard Square has undergone, recent challenges it has faced, and asks class members to think forward about how it might be re-envisioned. This class will combine work in local archives on issues related to history and policy, meetings with local Cambridge officials, and an array of local design and drawing assignments. Learn how Harvard fits in; Be part of the change.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

History of Art & Architecture 171X

Exoticism & Orientalism (124627)

Ewa Lajer-Burcharth

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

The course explores cultural and artistic engagement with the trope of the "other" in 18th- and 19th-century France, Britain, and elsewhere. Paintings, prints, travel and costume books, architecture, and design will be discussed in broader social and cultural contexts. While considering different interpretive paradigms, we'll focus on the most recent approaches that depart from fixed binary oppositions and monolithic treatment of the "Orient" versus the "Occident." Special emphasis will be placed on the distinction between the 18th- and the 19th-century modes of engagement with foreignness and cultural difference. Among the issues discussed are: the relation between art and colonialism, the politics and poetic of representation, curiosity, mediation, translation, cross-cultural practices, fashion, identity, sexuality, scale, visual geography, and space (including that of World Fairs). Artists include Delacroix, Gauguin, Gérôme, John Frederick Lewis, Liotard, Renoir, Matisse, Watteau, David Wilke, and many lesser-known painters, photographers, designers, and architects. We will work directly with the objects at the Harvard Art Museum Study Room and in the Special Collections Room at the Fine Arts Library. A class excursion will offer us an opportunity to study works of art in the rich collections of the Metropolitan Museum of Art in New York.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Art & Architecture 179P Section: 01

Press/Reverse/Resist: Introduction to print in contemporary art (213243)

Jennifer L. Roberts

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 60

We are told that print is dead. But the codes and processes of printmaking continue to shape contemporary

art, culture, and technology in powerful ways. The most basic physical fact of printing -- its use of pressure in the creation of images and texts -- makes it an ideal tool for confronting questions of oppression and resistance. The collaborative qualities of printmaking are models for new understandings of distributed creativity and intelligence. The image reversals that occur in all print processes open ways of thinking about the world from a critical perspective, approaching it from "the other side." Even the most advanced digital information technologies draw on the traditions of print in fundamental ways. This course will provide an introduction to printmaking processes and will trace the life of print in art of every medium since 1960. Along with the lectures, there will be frequent study sessions with original works in the Harvard Art Museums, and hands-on print workshops. Artists covered will include (among many others) Robert Rauschenberg, Glenn Ligon, Christiane Baumgartner, Andy Warhol, Ellen Gallagher, Julie Mehretu, Edgar Heap of Birds, Willie Cole, Corita Kent, Richard Hamilton, Ed Ruscha, and Jasper Johns.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

History of Art & Architecture 179X

Tectonics Lab: Conference Course (110270)

Andrew Plumb

2019 Fall (4 Credits) **Schedule:** F 0300 PM - 0545 PM
M 0900 AM - 0959 AM

Instructor Permissions: Instructor **Enrollment Cap:** 18

Tectonics Lab introduces students to the roles that materials and their disposition play in the production of meaningful architectural experience. We explore material properties and expand upon traditional definitions to include a critique of the ecological, social and cultural impact of their production and end use. We will consider materials through the lense of Good, Clean and Fair. Terms that are borrowed from the slow movement and which are conspicuously absent from the discipline and practice of architecture and construction.

Students will work in teams to research and experiment with wood, masonry and concrete in a series of design-build projects throughout the semester pairing concepts of making and construction with realities of material ability and craft. Through these projects, we will build our shared knowledge of material properties, their expression and their effect on architectural experience. Weekly lectures provide a theoretical basis for the design-build projects. Topics include structural fundamentals; material properties and fabrication; joinery and assembly; scalar transformations; modular construction and more.

Representation plays an important role in the exploration of analytical and intuitive modes of making throughout the design and fabrication process. The physical artifacts from each project will be discussed with reference to modes of conception and representation, both digital and analog. Project development documented through drawing, photography, and video is an essential component of the coursework, and a comprehensive portfolio will be due at the end of the term.

Recommended Prep: **HAA 96a is useful, but not mandatory**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

History of Art & Architecture 184X

Painting of India (111506)

Jinah Kim

2020 Spring (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 18

The course explores the history of Indian painting based on the collections of Harvard Art Museums and the Museum of Fine Arts, Boston. We will investigate the theory of pictorial form in India and its relationship to the society at large against the historical currents by probing the development and changes in artistic styles and material culture of painting production. We will pay particular attention to the role of media, such as palm-leaf, birch bark, paper, and pigments, along with consideration of changing symbolic and material meanings of color. Regular visits (sections) to the museums and conservations labs to examine the paintings in person are to be scheduled throughout the semester.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

History of Art & Architecture 188P

Edo Painting (212810)

Yukio Lippit

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This seminar explores the history of painting during Japan's Edo period (1615-1868). Along with an introduction to major artists and schools, the course will examine themes such as the formats and materiality of Japanese painting, aesthetics and connoisseurship, display practices, seasonality, the relationship to poetry and literary traditions, the influence of European pictorialism, and the status of the painter. There are no prerequisites. Offered concurrently with the major exhibition of Edo painting from the Feinberg Collection featured at the Harvard Art Museums during the spring semester, numerous sessions will be held in the galleries and study centers of the museum.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Art & Architecture 194W

Worlds Fairs (127836)

Suzanne Blier

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This seminar addresses questions of cultural display through the art and architecture of world fairs, mid-nineteenth century to present. Students are introduced to the seminal fair events beginning with the Crystal Palace in London, and extending to fairs in the U.S., France, Belgium, Spain, Japan and China. the history of fairs as artistic and social phenomenon is explored along with how these events shaped national identity, ethnicity, social class, race, imperialism, colonialism, and gender.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

History of Art & Architecture 206 Section: 1

Science and the Practice of Art History (143250)

Narayan Khandekar

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This course leads students through the examination of a work of art from the collection of Harvard Art Museums using the perspectives of a curator, conservator and a conservation scientist. Students will examine and interrogate a work using these different perspectives to understand how and from what the object is made and how it has changed since its creation using visual and instrumental techniques. The course will conclude with a presentation of a forgery/attribution/authentication case by individuals. The course will be taught by curators, conservators and conservation scientists from the Harvard Art Museums.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

History of Art & Architecture 228N

Islamic Ornament: Aesthetics of Abstraction and Theories of Perception (212933)

Gulru Necipoglu-Kafadar

2020 Spring (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Course Description: Critically explores the historiography and interpretations of Islamic ornament. Themes include ornamentality and abstraction, theories of perception, orientalist discourses on the so-called "arabesque," resonances of non-figural abstraction with modernism and postmodern aesthetics.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

History of Art & Architecture 265R

Topics in Northern Renaissance and Baroque Art (207673)

Joseph Koerner

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Explores landscape drawing as a specialized genre of art production in seventeenth-century Holland, and considers its historical origins, its practical and wider cultural functions, and its historical afterlife. Special emphasis will be placed on depiction of relations between land and sea, and how such relations might re-thought in light of current ecological crises. Classes are held in the Harvard Art Museums and focused on holdings of the collection, including new acquisitions that are to be featured in a forthcoming exhibition, the nature of which the course will also consider.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

History of Art & Architecture 267K

Old Masters in a 'New' World (212948)

Shawon Kinew

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

As the territory of early modern European studies continues to expand, mimicking the colonization of the period under study, art historians inevitably become explorers of terra incognita claiming "marvelous possessions." Now is an ideal moment to take stock of recent global-facing literature and methods in the art history of early modern Europe: where are we, and where are we going? The first half of this graduate seminar will do just that. At the same time, in this experiment, each seminar participant will be encouraged to choose an "old master" as their compass and test the limits of the canon.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Art & Architecture 270G

Transnational Exchange in Architecture; Australia and the Americas, 1939 to 2019 (213720)

Philip Goad

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course, designed as a graduate level seminar, has as its focus the question of transnational exchanges in architecture and urbanism. Themes of reception, transaction, technology transfer, the flows of capital and resources, professional networks and expertise are intrinsic to the seminar. Australian architecture is seen as a complex amalgam of traditions, that, like the United States, does not carry the weight of British and European traditions, but instead, as a welcome receptor, becomes a fluid setting for dynamic change in aesthetic thought, construction technologies and urban form.

Class Notes: **This course is open to qualified undergraduates with interest.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

History of Art & Architecture 272M

Painting and Mass Culture after 1945 (213242)

Benjamin Buchloh

2020 Spring (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This graduate seminar (qualified undergraduates will be admitted after interview), will investigate the complex relationships between painterly practices and mass cultural formations (photography, advertisement, television) from 1955 – 1965. The limited focus on two American and two European artists, and on one specific decade will allow us not only to study individual works in greater detail, but it will also provide time to pursue parallel readings in historical contextualization. These would include not only the study of actually occurring interactions with the newly expanded culture of technological and industrial media (e.g. exhibition design, advertisement commissions for artists), but also the more specifically art historical questions concerning the belated reception of Duchamp, Dada and photography in post WWII cultural production. The critical reflection of the epistemological shifts defining the nature of painting in the changing dialogues with action painting and abstract expressionism will be of equal importance, as will be the questions concerning the redefinition of the place and functions of the artist in post WW II consumer and spectacle culture.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

FAS Divisional Distribution	Arts and Humanities

History of Art & Architecture 277K

The Contemporary (126498)

Carrie Lambert-Beatty

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Graduate seminar exploring the intersection of the field of art history with the globalized art world. What is "contemporary art" - in theory, in practice, and in history?

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

History of Art & Architecture 278M

Curatorial Praxis: Art History in the Public Sphere (215726)

Makeda Best

Mary Schneider Enriquez

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Practicing art history in today's increasingly mobile art world—whether as a field curator, academic researcher, critic, or other professional specialism—requires museum literacy, intellectual empathy, and the ability to work in multiple voices and mediums, in addition to art historical expertise. To understand the curator's place in contemporary cultural institutions, this class will explore a series of theoretical concepts such as author, connoisseurship, taste and visual culture, along with a series of curatorial research methods. Balancing critical and applied perspectives, this course investigates curatorial work as a site of cultural practice, a sphere of action and knowledge—above all, the "eye" or sense of critical taste—that is learned and performed in multiple contexts of display. Connecting curation to its etymological roots in "cure" and "care," this course will also consider curating as a remedial practice that has changed over time in relation to globalized networks of the art market, professionalization, and the phenomenon of celebrity curators. Through a series of guided steps designed to provide exposure to multiple facets of museum practice, undertaken in the Harvard Art Museums and beyond, students will work toward an exhibition built from Harvard Collections.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

History of Art & Architecture 282S

Japanese Buddhist Sculpture (213332)

Yukio Lippit

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This course explores the golden age of Japanese Buddhist sculpture from the seventh through thirteenth century. Each week focuses on one famous work in terms of style, iconography, technique, materials, sculptor, patronage, and ritual. Special emphasis will be placed upon the relationship of the sculpture to its temple setting, inclusive of mural décor, other sculptures in the ensemble, the mandorla, dais, and canopy. Similarly, the recent discoveries of conservation science will be debated, as well as the significance of interred objects and an interregional purview. Insofar as possible, meaning will be explored in relation to sculptural process. All readings will be in English. Several sessions will take place at the Harvard Art Museums, and there will be at least one group excursion during the semester.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History of Art & Architecture 291R

Topics in Pre-Columbian and Colonial Art (121209)

Thomas Cummins

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Topics to be determined in consideration of interests of students.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

History of Art & Architecture 292

Colonial Art of Mexico and the Andes (205122)

Thomas Cummins

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Cuzco 1650-1700:

Lima, Quito, and Mexico City in Comparison

Course description: Cuzco, once the center of the Inca Empire, became a major colonial Peruvian city unlike any other in which the royal descendants of the Inca lived and ruled along with Spaniards. In 1650 an earthquake destroyed most of the city's buildings. Between 1650 and 1700 most of the city and the surrounding pueblos were re-built. This is part due to the remarkable efforts of the bishop of Cuzco Mollinedo. At the same conflicts between the bishop and the cabildo of the cathedral and between the bishop and the Jesuits focused upon power and authority as the re-building took place. Still more surprising, perhaps, most of the architects and painters for this renewal were Indians. This pro-seminar will exam both the architectural campaigns and the various genres of paintings that came to fruition during this remarkable period in which the local takes on a distinct identity from the center within a complex political and cultural struggles over power and its representation. Cuzco will be the focus of this course, but we will put its painting, sculpture and architecture into comparison with other 17th century cities such as Lima, Quito, and Mexico City.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Art & Architecture 300

Reading and Research (116620)

David Roxburgh

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 15

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

History of Art & Architecture 300

Reading and Research (116620)

Ewa Lajer-Burcharth

2020 Spring (4 Credits) **Schedule:** F 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None

No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

History of Art & Architecture 300 Section: 002

Reading and Research (116620)

Jeffrey Hamburger

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History of Art & Architecture 300 Section: 002

Reading and Research (116620)

Jeffrey Hamburger

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

History of Art & Architecture 300 Section: 003

Reading and Research (116620)

Melissa M. McCormick

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

History of Art & Architecture 300 Section: 003

Reading and Research (116620)

Melissa M. McCormick

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History of Art & Architecture 300 Section: 004

Reading and Research (116620)

Ruth Bielfeldt

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

History of Art & Architecture 300 Section: 004

Reading and Research (116620)

Felipe Pereda

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

History of Art & Architecture 300 Section: 005

Reading and Research (116620)

Maria Gough

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History of Art & Architecture 300 Section: 005

Reading and Research (116620)

Maria Gough

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History of Art & Architecture 300 Section: 006

Reading and Research (116620)

Alina Payne

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

History of Art & Architecture 300 Section: 006

Reading and Research (116620)

Alina Payne

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

History of Art & Architecture 300 Section: 007

Reading and Research (116620)

Jennifer L. Roberts

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

History of Art & Architecture 300 Section: 007

Reading and Research (116620)

Jennifer L. Roberts

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History of Art & Architecture 300 Section: 008

Reading and Research (116620)

Ewa Lajer-Burcharth

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

History of Art & Architecture 300 Section: 008

Reading and Research (116620)

Ewa Lajer-Burcharth

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

FAS: Course Level	Graduate Course

History of Art & Architecture 300 Section: 009

Reading and Research (116620)

Ioli Kalavrezou

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

History of Art & Architecture 300 Section: 009

Reading and Research (116620)

Ioli Kalavrezou

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

History of Art & Architecture 300 Section: 010

Reading and Research (116620)

Carrie Lambert-Beatty

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History of Art & Architecture 300 Section: 010

Reading and Research (116620)

Carrie Lambert-Beatty

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History of Art & Architecture 300 Section: 011

Reading and Research (116620)

Sarah Lewis

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

History of Art & Architecture 300 Section: 011

Reading and Research (116620)

Sarah Lewis

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

History of Art & Architecture 300 Section: 012

Reading and Research (116620)

Jinah Kim

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History of Art & Architecture 300 Section: 012

Reading and Research (116620)

Jinah Kim

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

History of Art & Architecture 300 Section: 013

Reading and Research (116620)

Joseph Connors

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

History of Art & Architecture 300 Section: 013

Reading and Research (116620)

Joseph Connors

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History of Art & Architecture 300 Section: 014

Reading and Research (116620)

Benjamin Buchloh

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History of Art & Architecture 300 Section: 014

Reading and Research (116620)

Benjamin Buchloh

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

History of Art & Architecture 300 Section: 015

Reading and Research (116620)

Gulru Necipoglu-Kafadar

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

History of Art & Architecture 300 Section: 015

Reading and Research (116620)

Gulru Necipoglu-Kafadar

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

FAS Divisional Distribution	None

History of Art & Architecture 300 Section: 016

Reading and Research (116620)

Joseph Koerner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

History of Art & Architecture 300 Section: 016

Reading and Research (116620)

Joseph Koerner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

History of Art & Architecture 300 Section: 017

Reading and Research (116620)

Suzanne Blier

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History of Art & Architecture 300 Section: 017

Reading and Research (116620)

Suzanne Blier

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History of Art & Architecture 300 Section: 018

Reading and Research (116620)

Thomas Cummins

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

History of Art & Architecture 300 Section: 018

Reading and Research (116620)

Thomas Cummins

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

History of Art & Architecture 300 Section: 019

Reading and Research (116620)

Robin Kelsey

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

History of Art & Architecture 300 Section: 019

Reading and Research (116620)

Robin Kelsey

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

History of Art & Architecture 300 Section: 020

Reading and Research (116620)

Eugene Wang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History of Art & Architecture 300 Section: 020

Reading and Research (116620)

Eugene Wang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

History of Art & Architecture 300 Section: 021

Reading and Research (116620)

Yukio Lippit

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

History of Art & Architecture 300 Section: 021

Reading and Research (116620)

Yukio Lippit

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

History of Art & Architecture 300 Section: 022

Reading and Research (116620)

Felipe Pereda

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

History of Art & Architecture 300 Section: 022

Reading and Research (116620)

David Roxburgh

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

FAS: Course Level	Graduate Course

History of Art & Architecture 300 Section: 023

Reading and Research (116620)

Patricio del Real

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

History of Art & Architecture 300 Section: 023

Reading and Research (116620)

Patricio del Real

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History of Art & Architecture 300 Section: 024

Reading and Research (116620)

Shawon Kinew

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree or, by arrangement, on special topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

History of Art & Architecture 310A

Methods and Theory of Art History (122674)

Ewa Lajer-Burcharth

2019 Fall (4 Credits) **Schedule:** W 1030 AM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 14

A team-taught course led by the DGS based on exemplary readings designed to introduce students to a wide range of art-historical methods.

Course Notes: **Limited to incoming graduate students in History of Art and Architecture**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

History of Art & Architecture 310B

Works of Art: Materials, Forms, Histories (126514)

Ewa Lajer-Burcharth

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 14

A series of team-taught workshops designed to sharpen skills in the observation, analysis, and historical interpretation of works of art and architecture.

Course Notes: **Enrollment open only to incoming graduate students in History of Art and Architecture.**

Class Notes: **Meetings will be W, 10:30 - 12:30 in Sackler 323. Course is required of HAA G1s and open solely to HAA G1s.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

History of Art & Architecture 380

Graduate Teaching (208363)

Ewa Lajer-Burcharth

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Graduate teaching course for students affiliated with History of Art and Architecture.

Requirements: **Graduate Students Only (Undergraduates can submit a request to enroll)**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History of Art & Architecture 380

Graduate Teaching (208363)

2019 Fall (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** 15

Graduate teaching course for students affiliated with History of Art and Architecture.

Requirements: **Graduate Students Only (Undergraduates can submit a request to enroll)**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

History of Art & Architecture 399

Direction of Doctoral Dissertations (118897)

David Roxburgh

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 15

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History of Art & Architecture 399

Direction of Doctoral Dissertations (118897)

Ewa Lajer-Burcharth

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History of Art & Architecture 399 Section: 002

Direction of Doctoral Dissertations (118897)

Jeffrey Hamburger

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

History of Art & Architecture 399 Section: 002

Direction of Doctoral Dissertations (118897)

Jeffrey Hamburger

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Art & Architecture 399 Section: 003

Direction of Doctoral Dissertations (118897)

Melissa M. McCormick

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

History of Art & Architecture 399 Section: 003

Direction of Doctoral Dissertations (118897)

Melissa M. McCormick

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

History of Art & Architecture 399 Section: 004

Direction of Doctoral Dissertations (118897)

Ruth Bielfeldt

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

History of Art & Architecture 399 Section: 004

Direction of Doctoral Dissertations (118897)

David Roxburgh

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History of Art & Architecture 399 Section: 005

Direction of Doctoral Dissertations (118897)

Maria Gough

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History of Art & Architecture 399 Section: 005

Direction of Doctoral Dissertations (118897)

Maria Gough

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History of Art & Architecture 399 Section: 006

Direction of Doctoral Dissertations (118897)

Alina Payne

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Art & Architecture 399 Section: 006

Direction of Doctoral Dissertations (118897)

Alina Payne

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History of Art & Architecture 399 Section: 007

Direction of Doctoral Dissertations (118897)

Jennifer L. Roberts

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Art & Architecture 399 Section: 007

Direction of Doctoral Dissertations (118897)

Jennifer L. Roberts

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

History of Art & Architecture 399 Section: 008

Direction of Doctoral Dissertations (118897)

Ewa Lajer-Burcharth

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

History of Art & Architecture 399 Section: 008

Direction of Doctoral Dissertations (118897)

Ewa Lajer-Burcharth

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

History of Art & Architecture 399 Section: 009

Direction of Doctoral Dissertations (118897)

Ioli Kalavrezou

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History of Art & Architecture 399 Section: 009

Direction of Doctoral Dissertations (118897)

Ioli Kalavrezou

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History of Art & Architecture 399 Section: 010

Direction of Doctoral Dissertations (118897)

Carrie Lambert-Beatty

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History of Art & Architecture 399 Section: 010

Direction of Doctoral Dissertations (118897)

Carrie Lambert-Beatty

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Art & Architecture 399 Section: 011

Direction of Doctoral Dissertations (118897)

Sarah Lewis

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History of Art & Architecture 399 Section: 011

Direction of Doctoral Dissertations (118897)

Sarah Lewis

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Art & Architecture 399 Section: 012

Direction of Doctoral Dissertations (118897)

Jinah Kim

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

History of Art & Architecture 399 Section: 012

Direction of Doctoral Dissertations (118897)

Jinah Kim

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History of Art & Architecture 399 Section: 013

Direction of Doctoral Dissertations (118897)

Joseph Connors

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History of Art & Architecture 399 Section: 013

Direction of Doctoral Dissertations (118897)

Joseph Connors

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History of Art & Architecture 399 Section: 014

Direction of Doctoral Dissertations (118897)

Benjamin Buchloh

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

History of Art & Architecture 399 Section: 014

Direction of Doctoral Dissertations (118897)

Benjamin Buchloh

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History of Art & Architecture 399 Section: 015

Direction of Doctoral Dissertations (118897)

Gulru Necipoglu-Kafadar

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

History of Art & Architecture 399 Section: 015

Direction of Doctoral Dissertations (118897)

Gulru Necipoglu-Kafadar

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Art & Architecture 399 Section: 016

Direction of Doctoral Dissertations (118897)

Joseph Koerner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

History of Art & Architecture 399 Section: 016

Direction of Doctoral Dissertations (118897)

Joseph Koerner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

History of Art & Architecture 399 Section: 017

Direction of Doctoral Dissertations (118897)

Suzanne Blier

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

History of Art & Architecture 399 Section: 017

Direction of Doctoral Dissertations (118897)

Suzanne Blier

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History of Art & Architecture 399 Section: 018

Direction of Doctoral Dissertations (118897)

Thomas Cummins

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

History of Art & Architecture 399 Section: 018

Direction of Doctoral Dissertations (118897)

Thomas Cummins

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

History of Art & Architecture 399 Section: 019

Direction of Doctoral Dissertations (118897)

Robin Kelsey

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

History of Art & Architecture 399 Section: 019

Direction of Doctoral Dissertations (118897)

Robin Kelsey

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History of Art & Architecture 399 Section: 020

Direction of Doctoral Dissertations (118897)

Eugene Wang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History of Art & Architecture 399 Section: 020

Direction of Doctoral Dissertations (118897)

Eugene Wang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

History of Art & Architecture 399 Section: 021

Direction of Doctoral Dissertations (118897)

Yukio Lippit

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Art & Architecture 399 Section: 021

Direction of Doctoral Dissertations (118897)

Yukio Lippit

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History of Art & Architecture 399 Section: 022

Direction of Doctoral Dissertations (118897)

Felipe Pereda

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Art & Architecture 399 Section: 022

Direction of Doctoral Dissertations (118897)

Felipe Pereda

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History of Art & Architecture 399 Section: 023

Direction of Doctoral Dissertations (118897)

Patricio del Real

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History of Art & Architecture 399 Section: 023

Direction of Doctoral Dissertations (118897)

Patricio del Real

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

History of Art & Architecture 399 Section: 024

Direction of Doctoral Dissertations (118897)

Shawon Kinew

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

History of Science

Subject: History of Science

History of Science 91R

Supervised Reading and Research (110583)

Anne Harrington

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Programs of directed reading and research to be conducted by a person approved by the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 91R

Supervised Reading and Research (110583)

Anne Harrington

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Programs of directed reading and research to be conducted by a person approved by the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

History of Science 97

Tutorial - Sophomore Year (115419)

Anne Harrington

2020 Spring (4 Credits) **Schedule:** M 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 55

Sophomore tutorial is a hands-on course that introduces students to some of the most exciting and productive questions in the history of science, technology and medicine, while developing critical reading, presentation and discussion skills. Small groups of students will tackle different aspects of a larger theme

each week and share discoveries in sessions led by the faculty instructor. The course will be further enhanced by a series of supervised individual projects.

Course Notes: **Required for undergraduate concentration in History and Science. Students must register for the plenary class session that meets on Mondays from 9:00-11:45am OR 12:00-2:45pm, as well as a weekly section to be arranged.**
The 9:00 am class will begin at 9:45 am.
The 12:00pm class will begin at 12:45 pm.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 97 Section: 002

Tutorial - Sophomore Year (115419)

Anne Harrington

2020 Spring (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 55

Sophomore tutorial is a hands-on course that introduces students to some of the most exciting and productive questions in the history of science, technology and medicine, while developing critical reading, presentation and discussion skills. Small groups of students will tackle different aspects of a larger theme each week and share discoveries in sessions led by the faculty instructor. The course will be further enhanced by a series of supervised individual projects.

Course Notes: **Required for undergraduate concentration in History and Science. Students must register for the plenary class session that meets on Mondays from 9:00-11:45am OR 12:00-2:45pm, as well as a weekly section to be arranged.**
The 9:00 am class will begin at 9:45 am.
The 12:00pm class will begin at 12:45 pm.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 98

Tutorial - Junior Year (109660)

Rebecca Lemov

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 25

This one-semester junior tutorial is a research-oriented tutorial taken in small groups. Focuses on enhancing research and writing skills through the completion of a directed research paper on subject matter of the student's interest. Must be taken during the fall semester (except for students not in residence).

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History of Science 98

Tutorial - Junior Year (109660)

Rebecca Lemov

2019 Fall (4 Credits) **Schedule:** W 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This one-semester junior tutorial is a research-oriented tutorial taken in small groups. Focuses on enhancing research and writing skills through the completion of a directed research paper on subject matter of the student's interest. Must be taken during the fall semester (except for students not in residence).

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 99A

Tutorial - Senior Year (118977)

Nadine Weidman
Kit Heintzman
Yvan Prkachin
Eram Alam
Soha Bayoumi
Anne Harrington
Matthew Hersch
David Shumway Jones
Elizabeth Lunbeck
Scott Podolsky

2019 Fall (4 Credits) **Schedule:** F 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Faculty-led seminar and intensive work with an individual advisor, directed towards production of the senior honors thesis.

Course Notes: **Students are expected to complete a thesis or submit a research paper or other approved project in order to receive course credit. This course must be taken Sat/Unsat.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences

History of Science 99A Section: 002

Tutorial - Senior Year (118977)

Nadine Weidman

2019 Fall (4 Credits) **Schedule:** F 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Faculty-led seminar and intensive work with an individual advisor, directed towards production of the senior honors thesis.

Course Notes: **Students are expected to complete a thesis or submit a research paper or other approved project in order to receive course credit. This course must be taken Sat/Unsat.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences

History of Science 99B

Tutorial - Senior Year (109263)

Nadine Weidman
David Shumway Jones
Elizabeth Lunbeck
Scott Podolsky
Yvan Prkachin
Eram Alam
Katie Baca
Soha Bayoumi
Anne Harrington
Kit Heintzman

Matthew Hersch

2020 Spring (4 Credits) **Schedule:** F 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Faculty-led seminar and intensive work with an individual advisor, directed towards production of the senior honors thesis.

Course Notes: **Students are expected to complete a thesis or submit a research paper or other approved project in order to receive course credit. This course must be taken Sat/Unsat.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration

History of Science 99B Section: 002

Tutorial - Senior Year (109263)

Nadine Weidman
David Shumway Jones
Elizabeth Lunbeck
Scott Podolsky
Yvan Prkachin
Eram Alam
Soha Bayoumi
Anne Harrington
Kit Heintzman
Matthew Hersch

2020 Spring (4 Credits) **Schedule:** F 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Faculty-led seminar and intensive work with an individual advisor, directed towards production of the senior honors thesis.

Course Notes: **Students are expected to complete a thesis or submit a research paper or other approved project in order to receive course credit. This course must be taken Sat/Unsat.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

History of Science 100

Knowing the World: An Introduction to the History of Science (123398)

Alex Csiszar

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

What are the origins of modern science and of the scientific method? Have the ways of knowing the world of different cultures and societies changed over time? How has scientific knowledge been related to other enterprises such as art, religion, literature, and commerce? We will ask these questions and more through a broad survey of many of the crucial moments in the development of science from the Scientific Revolution of the 17th century to the present day. Topics and figures will include Galileo, evolution, eugenics, the atomic bomb, and the human genome project.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students

History of Science 119VH

Sugar, Spice, and Science: Colonialism and Commerce in the Making of a Global History of Science (212949)

Kit Heintzman

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 9

In this class we will explore how new scientific discoveries were forged out of early global commercial pathways. Science, technology, and medicine were instrumental in colonial missions, from ship navigation to treating seasickness. Likewise, naturalists, physicians, and astronomers benefited from the resources, ideas, and practices from across the world. This class will study the history of empire as a part of the history of science, illuminating connections between science and capitalism in the early modern world.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 123CS

Starstruck! The History, Culture, and Politics of American Astronomy (213529)

Sara Schechner

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This hands-on course will introduce key episodes and issues in the history of American astronomy by close looking at rare early scientific instruments and tangible objects in Harvard collections. Starting with the story of Captain John Smith, Pocahontas, and a sundial, the course will move from colonial relations with Native Americans to the controversial placement of observatories on sacred mountaintops today. In between, we will discuss the roles of religion, politics, science, and culture in the promotion of astronomy in American society. Topics will include comets and extraterrestrials, observatories, westward expansion, time selling, and the role of women. Each unit will begin with anchoring objects, and students will work behind the scenes in the Collection of Historical Scientific Instruments. There will also be opportunities to make and use your own instruments to engage with early methods of production and observation.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

History of Science 128VD

Nature, Energy, Industry: A Cultural History of Physical Science (213526)

Connemara Doran

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This seminar explores the cultural history of the physical sciences at key moments from the seventeenth through the nineteenth century. We will immerse ourselves in the cultural, social, and political concerns of diverse historical actors as we ask: How did the study of natural philosophy gradually morph into the disciplines we recognize today as physics, astronomy, chemistry, and the earth sciences? How did energy regimes transform across this period, and how were these transformations related to novel physical ideas? How did industrial development, new artistic expressions, and technological innovation emerge in tandem with the creations and practices of physical science?

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History of Science 131A

Transforming Technologies: Science, Technology, and Social Change: The Past (213572)

Naomi Oreskes

2019 Fall (4 Credits) **Schedule:** W 0945 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course examines the problem of large-scale technological transformation. Drawing on the classic framework of technological systems by historian Thomas Hughes, we will study a number of examples of large-scale technological transformation, including electricity, automation, the internet and infrastructure. Where do new technologies come from? How do new technologies overcome technological lock-in and

displace previous ones? What has been the role of the free market v. the role of conscious planning and government regulation? How does regulation and finance stimulate or block innovation and uptake? Does technology drive social change or does social change drive technological innovation? Above all, how do we get the technologies we need? And if we don't get the technologies we need, why not?

Course Notes: **Part one of a two part series. The curriculum for this course builds throughout the academic year. Students are strongly encouraged, but not required, to complete both terms of this course (parts A and B).**

HISTSCI 131A will begin at 9:45am.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

History of Science 131B

Transforming Technologies: Science, Technology, and Climate Change: The Present and Future (213574)

Naomi Oreskes

2020 Spring (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course applies insights from the history of technology to the present challenge of climate change. We examine the required energy transition to prevent anthropogenic climate change, and the obstacles to it. Topics include the history and development of renewable energy, (including the factors responsible for the recent dramatic drop in the price of renewables), the prospects for smart grids and smart appliances, the problems of scaling, and the role of the private sector and private finance v. the role of government policy in stimulating uptake of new technologies. We will also look at the history of nuclear power, both in the United States and elsewhere, to consider what contribution nuclear power could or should make to our future energy mix.

Course Notes: **Prerequisite: HISTSCI 131A is strongly encouraged, but not required. Part two of a two part series.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

History of Science 133VD

Environmental Science and its History: Big Problems and Debates (213527)

Connemara Doran

2020 Spring (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

How was the high-energy technological society of today created – and how can it be maintained in a civilizationally-responsible way? We will address the human goals, expectations, and confrontations interfacing with weather, climate, and energy resources across history. Among these are the tumultuous history of fossil fuels and "peak oil," the birth of the environmental movement, debates about pollution and acid rain, and the contentious and conflicted relationship between technology development and environmental concerns. Students will explore the history of climate change from its origin in nineteenth-century science through the most recent catastrophic environmental effects and contemporary attempts at mitigation.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History of Science 141

Foreign Bodies: On Health and Migration (212935)

Eram Alam

2019 Fall (4 Credits) **Schedule:** T 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 20

During the twentieth century, unprecedented human mobility has raised significant questions regarding migration and health. Whether coerced or voluntary, these migratory flows reverberate through individuals, communities, populations, environments, and the body politic in unexpected ways. This course will focus on the relationship between health and migration and ask the following questions: How are moving bodies named and managed? What are the political, economic, juridical, and medical implications of movement? How is risk defined and constructed in relation to migration? Readings will include case studies from around the world, supplemented with theoretical and literary texts.

Course Notes: **Enrollment limited to 20.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

History of Science 142VJ

History and Politics of the American Obesity Epidemic (108928)

Chin Jou

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Obesity has become a leading public health concern in many parts of the world. In the United States, rates of obesity rocketed between 1980 and the early-2010s. How did this happen? And why is the obesity epidemic controversial? What does looking at the history and politics of what has been called "the obesity

epidemic" reveal about broader issues of health and society? This course will illuminate these questions and more as we survey the trajectory of obesity from many dimensions since the beginning of the twentieth century.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences

History of Science 143VP

Histories of Therapeutics (212958)

Scott Podolsky

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Therapeutic interventions – from "bleeding" patients in the early 19th century through prescribing antibiotics today – have been central to medical practice and identity. This seminar course will rely on robust engagement with primary and secondary sources to help us examine the scientific, social, cultural, economic, and regulatory forces shaping therapeutic evolution in the United States over the past two centuries. Along the way, we will consider such issues as: the tempo and mode of therapeutic evolution; the changing notion of therapeutic efficacy; and the role of the marketplace and the parallel attempt of reformers to define and promote "rational" practice. Several sessions will be held at the Countway Medical Library, where students will be exposed to the unique archival and rare book and journal resources of its Center for the History of Medicine.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 145

Medicine and Health in America (213244)

Eram Alam

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course surveys major historical developments in medicine and health in the United States during the modern period. We will analyze medicine and health within social, cultural, and political contexts to better understand the relationship between medicine and power. Topics will include: citizenship, nationalism, and imperialism; race, gender, and the body; capitalism and the medical marketplace; professionalization, expertise, and authority; crises and epidemics; technology and therapeutics; and questions of care.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 147V

Graphic! Visualizing Medicine from Textbooks to Comics (205361)

Soha Bayoumi

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 25

Visuals play an important role in the history and practice of medicine, from medical textbooks to medical imaging, and from hospital signage and public health posters to comics and graphic novels. This course will examine the use of visuals in medicine, but will place particular emphasis on a new academic and creative field known as "graphic medicine"—medical comics and graphic novels. Over the course of the semester, we will ask questions about how attending to the visual allows us to think in new ways about diagnostic practices, therapeutics, medical consumerism, doctor-patient communication, and ways in which patients and caregivers narrate their personal experiences of disease. We will pay careful attention to questions of class, race and gender, and to larger ethical and political issues raised by our materials.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

History of Science 148VJ

Race, Medicine, and Mass Incarceration (213381)

Chin Jou

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 25

There are over two million people locked up in local jails, state prisons, and federal prisons across the United States. Toward the beginning of this multi-disciplinary seminar, we will examine the historical development of this mass incarceration, as well as racial disparities in America's criminal justice system. We will then explore some of the medical issues in historical and contemporary U.S. carceral settings, including: medical experimentation on prisoner populations, mental health and suicide, substance abuse, HIV and sexual health, pregnancy and labor conditions, foodborne illnesses, chronic disease, temperature-related medical emergencies, and aging in prisons. Please be advised that some readings for this seminar will refer to instances of violence, sexual assault, and medical trauma.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 152VP

Technology and Modern Medicine: From the Stethoscope to Nanotech (212962)

Yvan Prkachin

2019 Fall (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Since the beginning of the nineteenth century, through to the rise of modern 'biomedicine,' the healing arts have been profoundly affected by the development, implementation and social construction of new medical technologies. What have been the effects of these new technologies on the practice of medicine, on our conception of our bodies, and on the success of medical care? This course will examine a number of these crucial themes, and attempt to integrate insights from the history of medicine and the history of technology more generally. In so doing, we will attempt to address a number of related and important historical questions: how do we decide which medical technologies to pursue, and which to ignore? How have we balanced medical progress and technological advancement with a concern for those who are sick now, and for the economics of health care? How and why have medical technologies shaped and been shaped by the broader culture? And, ultimately, has technology been good for medicine?

Topics to be examined will include the rise of clinical medicine in early nineteenth century France and its reliance on new diagnostic technologies; visual technologies and diagnosis; microscipal technology and the emergence of bacteriology; technologies of management and the rise of the modern hospital; the x-ray and the emergence of new diagnostic technologies; the technologies of nursing and other health-care professions; antibiotics, drugs and the technologies of mass-production; technology and disease identity; technology, gender and sexuality; technology, race and genetic medicine; contraception, obstetrics and the technologies of reproduction; digital technologies and the computerization of medical records; implantation, prosthesis, and technologies of the body. Throughout the course, we will pay particular attention to the way in which medical technologies have interacted with social categories such as race, class, gender and nationality, as well as to the unique relationship between American medicine and the world of high technology.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History of Science 156VH

Biopolitical Animals: Nonhumans in Medicine, Science, and Society (213505)

Kit Heintzman

2020 Spring (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This class will chronologically examine the relationship between politics and science in the study of nonhuman animals which, as we will see, has not been separate from human attempts to understand themselves and the world that they inhabited. As science's relationship to other animals changes over time so too have the ways of governing those animals: eg. exterminating invasive species, criminalizing ivory

trade, and regulating animal testing. By tracing scientific ideas about other animals we will acknowledge the role that nonhumans animals have played in the history of science and medicine. Students will learn how different ways of knowing animals over time are in fact political ways of knowing, ones that affect humans in terms of ideas about human difference: such as sex, race, and disability.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 170

Broken Brains (160496)

Anne Harrington

2019 Fall (4 Credits) **Schedule:** M 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 20

An exploration of the complex relationship between doctors and scientists who study and treat different kinds of "broken brains," the patients they study and treat, and larger public conversations about being human in today's neurological society. Topics include iconic cases of brain damage that catalyze new scientific understandings (like the case of H.M.), the study of brain damage in war, the emergence of writings (including memoirs and novels) that attempt to describe "what it is like" to suffer from disorders like autism and Alzheimer's, and controversies over recent efforts to see psychiatric disorders like depression as simple products of a chemically "broken brain."

Course Notes: **Enrollment limited to 20.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History of Science 176

Brainwashing and Modern Techniques of Mind Control (126335)

Rebecca Lemov

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course examines the phenomenon of "brainwashing" as a modern set of techniques that can apparently force a subject radically to alter her beliefs against her will. The Cold War roots of 'brainwashing' - both the myth and the reality -- lie in the politics of twentieth-century anti-Communism and the deeper fear that people's most strongly held thoughts, ideas, and ideological commitments could be vulnerable to powerful infiltration. In order to understand the dynamics of this process we will examine case studies beginning with the Korean War-era emergence of the term 'brainwashing', the American interdisciplinary science of "coercive persuasion" that arose in response, and successive waves of

technological, political, and sociocultural developments. We will also look at how brainwashing and analogous persuasive techniques may operate among larger groups, crowds, organizations, and mass societies.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 177V

The Sciences of Memory, Lies, and Pain (207906)

Yvan Prkachin

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course will explore a number of key themes in the modern brain and mind sciences by tracing how different scientific fields (neuroscience, psychology, psychoanalysis and cognitive science) have understood distinctly human experiences such as memory, deception and truth, and physical and mental pain over the nineteenth and twentieth centuries. Topics to be examined include the sciences of memory in the nineteenth and twentieth centuries; the sciences of lie detection and their place in the courtroom; the emergence of pain scales and the related sciences of addiction; and the so-called 'memory wars' of the twentieth century.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

History of Science 181

Humans in Space: Past, Present, Future (160334)

Matthew Hersch

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This lecture course will survey the history of spaceflight, beginning with ancient anticipations and ending with space travel in the twenty-first century and beyond. From high-altitude ballooning and airplane flight to rocketry and interplanetary travel, we will both trace the development of technologies humans have used to leave their home planet, and place these technologies within the context of political, economic, and social change. The course will also examine how the development of space vehicles was accompanied by transformations of the human body and mind, from the development of high-altitude pressure suits to the rise of space psychology.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam

History of Science 183

Engineering East Asia: Technology, Society, and the State (207617)

Victor Seow

2019 Fall (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Who creates and controls technology within society? How have technological developments shaped and, in turn, been shaped by social change? Do technological artifacts have particular politics? In this course, we will explore these and other questions concerning the intertwined relationship of technology, society, and the state within the context of East Asia's long twentieth century. From the era of steam power to the present, East Asia has undergone epochal social and technological transformations. China's recent bold forays into artificial intelligence are but among the latest in broader trends, beginning with Japanese, South Korean, and Taiwanese successes with consumer electronics manufacturing over preceding decades, that have marked the region as the site from which we may very well see the emergence of our technological future. In examining the history of technology in modern East Asia, we will gain a deeper understanding of the region and its technological revolutions and, more generally, of the workings of technology in the industrial modern age.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

History of Science 185

Communicating Science: From Print Culture to Cybersocieties (107619)

Alex Csiszar

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Science doesn't just happen in the lab. Scientific results have to be communicated among scientists, and to the public. This course investigates the ways in which scientific knowledge circulates, and pays special attention to how new communications media have shaped knowledge-in-the-making. Topics will include the history of scientific genres (letters, encyclopedias, periodicals), popular science, peer review, intellectual property, and new information technologies. Selected classes will take place in Houghton Library.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

History of Science 188

Open Minds, Wired Worlds: Computers and Cyberculture (160371)

Matthew Hersch

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

From the birth of the electronic computer through the rise of social networking, this lecture course will trace both the eighty-year effort to create an electronic information machine, and the parallel effort to use this technology to enable people to create new kinds of communities. Beginning with the rise of information science and cybernetics, and continuing through the origins of digital logic and electronic computation, this course will explain the rise of smaller, faster, and more personal computers while examining the attendant political, social, and economic forces that spurred the development of a global communications network.

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 191CU

Harvard's Changing Landscapes: A Contemporary History Project (213483)

David Unger

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This project-based class is designed to introduce students to the range of skills needed to research and document historical change while it is "in process." It will take as its focus the School of Engineering and Applied Sciences on the eve of their move to Allston. Students will learn the theory and technique of oral history, will practice other public history-oriented forms of documentation, and will study collecting practices used to preserve the record of modern-day science. To fully make sense of their site, they will also be introduced to scholarly perspectives on architecture and science, lab communities, and experimental practice, while also learning about the often invisible inner workings of Harvard's labs. They will also learn broadly applicable skills for project management and teamwork. The documentation gathered by the students will be part of a larger collecting initiative, and will become part of the CHSI collection.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 227

Scientific Visualization: From Galileo to Black Holes (214531)

Peter Galison

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Visualization has been central to the development of science over the last 400 years. From diagrams and thought experiments through traces, photographs and film, the ability to picture, and reproduce, images of scientific phenomena has shaped our understanding of the natural world. This course will explore that history, philosophy, and sociology; how the scientific image has shaped standards of demonstration, opened up new ways of knowing, and accompanied the development of the very idea of objectivity.

Course Notes: **Enrollment by permission of the instructor, open to both undergraduate and graduate students from all departments.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

History of Science 239

History of Biology 1800-2000 (213482)

Janet Browne

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course covers many of the big conceptual themes in the history of biology. It starts in 1800 when the word biology was first defined as a particular way of thinking about life and organisms, and ends in 2000 with the modern re-evaluations brought about by genomics. Attention will be paid to the rise of evolutionary theory. Classes will be based on assigned readings and discussion with weekly response papers. It is most suitable for graduate students.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students

History of Science 240

Air Pollution: A Global History (212937)

David Shumway Jones

Sunil Amrith

2019 Fall (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Air pollution has become a leading cause of death worldwide, killing more people than AIDS, tuberculosis, and malaria. This seminar draws on environmental history, history of science, and history of policy to understand this problem. It will examine the material history of air pollution, from the ancient world, to the industrialization of Europe and America, to contemporary India and China. It will track the shifting configurations of how air pollution has been understood as a social, medical, or moral problem. It will assess the measures taken by different societies to control air pollution, exploring histories of activism, policy, and regulation.

Course Notes: **This course is also offered through the Department of History as History 2040. Credit may be earned for either History of Science 240 or History 2040, but not both.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

History of Science 243

Documentality: On the Archive (213379)

Eram Alam

2019 Fall (4 Credits) **Schedule:** R 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

"There is no political power without control of the archive," writes Jacques Derrida, yet, "nothing is less clear today than the word 'archive'." In this course, we will examine the multivalent concept of the archive and its relationship to different forms and structures of knowledge. The course will begin with an introduction to theories of the archive, attending to issues of power, memory, subjectivity, and governance. Then, we will turn to critiques of the archive or archival practice and study texts that interrogate race, gender and the body; science, medicine, and technology; and coloniality/post-coloniality in relation to the archive. Readings will span disciplines, geographic regions, and time periods.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 251

Feminist Science Studies (205427)

Sarah Richardson

2020 Spring (4 Credits) **Schedule:** T 0600 PM - 0845 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

An introduction to central texts, theories, and research methods in scholarship on gender and science.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

History of Science 253

Bioethics, Law, and the Life Sciences (122616)

Sheila Jasanoff

2020 Spring (4 Credits) **Schedule:** T 0930 AM - 1130 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Seeks to identify and explore salient ethical, legal, and policy issues - and possible solutions - associated with developments in biotechnology and the life sciences.

Course Notes: **Offered jointly with the Kennedy School as IGA-515.**

Requirements: **Anti-Req: Cannot be taken for credit by students who have already taken IGA-515**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

History of Science 276

Science and Technology of the Self (214615)

Rebecca Lemov

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This class examines the ambition to capture the self in scientific language via new methodologies and technologies. How did large research enterprises comprising "big social science" emerge in the 20th century at the meeting place between anthropology, psychology, psychoanalysis, and other human and life sciences? We begin by looking broadly at the history of the self, and ask how to define "technologies of the self." The course then explores 20th and 21st century attempts to represent the self in graphs, ethnographic interviews, psychograms, fMRIs, fieldwork, and large datasets of dreams. Can "inner life experience" be quantified?

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History of Science 279

Freud and His Legacies: Readings in the History of Psychoanalysis (109860)

Elizabeth Lunbeck

2019 Fall (4 Credits) **Schedule:** W 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 25

Selected topics in psychoanalysis from Freud to the present, with attention to conceptualizing and writing the discipline's history. Among topics to be covered are the conditions of theory change, historicizing the analytic self, and assembling the analytic archive; locating major figures and national schools (Klein, Lacan, Kohut; Britain, France, Argentina); case studies in thinking with psychoanalysis-understandings of people and possessions, conflict and aggression, warfare and welfare; and pathologies of everyday life, from the abused wife to the corporate titan. Throughout, the seminar will focus more generally on writing intellectual and disciplinary histories. Note: Open to advanced undergraduates with permission of the instructor.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

History of Science 284

Algorithms (214503)

Alex Csiszar

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 25

This course situates the current explosion of interest in algorithms in culture by uncovering a much longer history of attempts to automate or otherwise simplify judgment, decision making, and attributions of trust and relevance. Rather than assuming that our current predicament is a direct result of recent technological advances, the course will stretch back to before the early modern period to consider recipe books and Arabic mathematics, through Enlightenment probability, and early conceptions of artificial intelligence. Taking our cue from current interest in the role algorithms play in issues of social justice, labor, discrimination, and ethics, we will look to see if we can trace a longer history of algorithms that is not simply a history of ideas but which places these issues at the center of the narrative. Note: Although the second half of the course will engage closely with new work in STS, it is possible to take this course to satisfy the Department of History of Science pre-1800 distribution requirement.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 285

Science, Power and Politics (122718)

Sheila Jasanoff

2019 Fall (4 Credits) **Schedule:** W 0200 PM - 0400 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This seminar introduces students to the major contributions of the field of science and technology studies (STS) to the understanding of politics and policymaking in democratic societies.

Course Notes: **Offered jointly with the Kennedy School as IGA-513. Interested undergraduates should send an email to Professor Jasanoff explaining their interest and qualifications before they come to class.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences

History of Science 288

The Digital Age: Sources and Methods (214345)

Matthew Hersch

2020 Spring (4 Credits) **Schedule:** W 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 25

Moving beyond the history of any particular device or process, this advanced seminar constructs a broad social and cultural history of the computerized world, from the earliest conceptions of mechanical computation and control to the networked society in which we live today. In this seminar, we will explore the multiple uses to which information technologies—the computer and the Internet in particular—have been put, from war and crime to efforts to create new kinds of communities across a nation and across the globe. By looking at an eclectic collection of scholarly and popular sources—including film—we will situate the development of "cyberculture" in the larger history of the complex relationship between technology and Western society.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

History of Science 293

Agnotology: The History of Knowledge and Ignorance (203706)

Naomi Oreskes

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 25

Historians of science have traditionally been concerned with the production of scientific knowledge, but in recent years have turned their attention to the production of ignorance. This course focuses on the production of ignorance as a social, political, cultural, economic and epistemic question, with attention both to techniques of deliberate ignorance production, and to the inadvertent and often uncontested production of ignorance that arises from accepted research practices and from the conditions that shape the direction and forms of scientific inquiry.

Course Notes: **Open to graduate students and advanced undergraduates in history of science, and to others with instructor's permission.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 300

Direction of Doctoral Dissertations (112941)

Allan Brandt

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

History of Science 300

Direction of Doctoral Dissertations (112941)

Allan Brandt

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History of Science 300 Section: 002

Direction of Doctoral Dissertations (112941)

Janet Browne

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History of Science 300 Section: 002

Direction of Doctoral Dissertations (112941)

Janet Browne

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History of Science 300 Section: 003

Direction of Doctoral Dissertations (112941)

Joyce Chaplin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration

History of Science 300 Section: 003

Direction of Doctoral Dissertations (112941)

Joyce Chaplin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

History of Science 300 Section: 004

Direction of Doctoral Dissertations (112941)

Alex Csiszar

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History of Science 300 Section: 004

Direction of Doctoral Dissertations (112941)

Alex Csiszar

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course

History of Science 300 Section: 005

Direction of Doctoral Dissertations (112941)

Peter Galison

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course

History of Science 300 Section: 005

Direction of Doctoral Dissertations (112941)

Peter Galison

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences

History of Science 300 Section: 006

Direction of Doctoral Dissertations (112941)

Jean-Francois Gauvin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

History of Science 300 Section: 006

Direction of Doctoral Dissertations (112941)

Jean-Francois Gauvin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences

History of Science 300 Section: 007

Direction of Doctoral Dissertations (112941)

Evelynn Hammonds

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

History of Science 300 Section: 007

Direction of Doctoral Dissertations (112941)

Evelynn Hammonds

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

History of Science 300 Section: 008

Direction of Doctoral Dissertations (112941)

Anne Harrington

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History of Science 300 Section: 008

Direction of Doctoral Dissertations (112941)

Anne Harrington

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

History of Science 300 Section: 009

Direction of Doctoral Dissertations (112941)

Matthew Hersch

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

History of Science 300 Section: 009

Direction of Doctoral Dissertations (112941)

Matthew Hersch

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course

History of Science 300 Section: 010

Direction of Doctoral Dissertations (112941)

Sheila Jasanoff

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences

History of Science 300 Section: 010

Direction of Doctoral Dissertations (112941)

Sheila Jasanoff

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

History of Science 300 Section: 011

Direction of Doctoral Dissertations (112941)

David Shumway Jones

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History of Science 300 Section: 011

Direction of Doctoral Dissertations (112941)

David Shumway Jones

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

History of Science 300 Section: 012

Direction of Doctoral Dissertations (112941)

Shigehisa Kuriyama

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

History of Science 300 Section: 012

Direction of Doctoral Dissertations (112941)

Shigehisa Kuriyama

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

History of Science 300 Section: 013

Direction of Doctoral Dissertations (112941)

Rebecca Lemov

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History of Science 300 Section: 013

Direction of Doctoral Dissertations (112941)

Rebecca Lemov

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

History of Science 300 Section: 014

Direction of Doctoral Dissertations (112941)

Elizabeth Lunbeck

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

History of Science 300 Section: 014

Direction of Doctoral Dissertations (112941)

Elizabeth Lunbeck

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

History of Science 300 Section: 015

Direction of Doctoral Dissertations (112941)

Naomi Oreskes

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History of Science 300 Section: 015

Direction of Doctoral Dissertations (112941)

Naomi Oreskes

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History of Science 300 Section: 016

Direction of Doctoral Dissertations (112941)

Scott Podolsky

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

History of Science 300 Section: 016

Direction of Doctoral Dissertations (112941)

Scott Podolsky

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

History of Science 300 Section: 017

Direction of Doctoral Dissertations (112941)

Ahmed Ragab

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

History of Science 300 Section: 017

Direction of Doctoral Dissertations (112941)

Ahmed Ragab

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

History of Science 300 Section: 018

Direction of Doctoral Dissertations (112941)

Sarah Richardson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences

History of Science 300 Section: 018

Direction of Doctoral Dissertations (112941)

Sarah Richardson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration

History of Science 300 Section: 019

Direction of Doctoral Dissertations (112941)

Sophia Roosth

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

History of Science 300 Section: 019

Direction of Doctoral Dissertations (112941)

Sophia Roosth

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration

History of Science 300 Section: 020

Direction of Doctoral Dissertations (112941)

Mark Schiefsky

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

History of Science 300 Section: 020

Direction of Doctoral Dissertations (112941)

Mark Schiefsky

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History of Science 300 Section: 021

Direction of Doctoral Dissertations (112941)

Gabriela Soto Laveaga

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History of Science 300 Section: 021

Direction of Doctoral Dissertations (112941)

Katharine Park

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences

History of Science 300 Section: 022

Direction of Doctoral Dissertations (112941)

Katharine Park

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

History of Science 300 Section: 022

Direction of Doctoral Dissertations (112941)

Gabriela Soto Laveaga

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

History of Science 300 Section: 023

Direction of Doctoral Dissertations (112941)

Hannah Marcus

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

History of Science 300 Section: 023

Direction of Doctoral Dissertations (112941)

Hannah Marcus

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

History of Science 300 Section: 024

Direction of Doctoral Dissertations (112941)

Benjamin Wilson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History of Science 300 Section: 024

Direction of Doctoral Dissertations (112941)

Benjamin Wilson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences

History of Science 300 Section: 025

Direction of Doctoral Dissertations (112941)

Victor Seow

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

History of Science 301

Reading and Research (116549)

Allan Brandt

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History of Science 301

Reading and Research (116549)

Allan Brandt

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
No FAINFO	300 or 3000 level class, do not generate FAINFO
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

History of Science 301 Section: 002

Reading and Research (116549)

Janet Browne

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History of Science 301 Section: 002

Reading and Research (116549)

Janet Browne

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course

FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

History of Science 301 Section: 003

Reading and Research (116549)

Joyce Chaplin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

History of Science 301 Section: 003

Reading and Research (116549)

Joyce Chaplin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 301 Section: 004

Reading and Research (116549)

Alex Csiszar

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History of Science 301 Section: 004

Reading and Research (116549)

Alex Csiszar

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 301 Section: 005

Reading and Research (116549)

Peter Galison

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History of Science 301 Section: 005

Reading and Research (116549)

Peter Galison

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History of Science 301 Section: 006

Reading and Research (116549)

Jean-Francois Gauvin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

History of Science 301 Section: 006

Reading and Research (116549)

Jean-Francois Gauvin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History of Science 301 Section: 007

Reading and Research (116549)

Evelynn Hammonds

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course

FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 301 Section: 007

Reading and Research (116549)

Evelynn Hammonds

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

History of Science 301 Section: 008

Reading and Research (116549)

Anne Harrington

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

History of Science 301 Section: 008

Reading and Research (116549)

Anne Harrington

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

History of Science 301 Section: 009

Reading and Research (116549)

Matthew Hersch

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 301 Section: 009

Reading and Research (116549)

Matthew Hersch

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

History of Science 301 Section: 010

Reading and Research (116549)

Sheila Jasanoff

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History of Science 301 Section: 010

Reading and Research (116549)

Sheila Jasanoff

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

History of Science 301 Section: 011

Reading and Research (116549)

David Shumway Jones

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 301 Section: 011

Reading and Research (116549)

David Shumway Jones

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

History of Science 301 Section: 012

Reading and Research (116549)

Shigehisa Kuriyama

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

History of Science 301 Section: 012

Reading and Research (116549)

Shigehisa Kuriyama

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 301 Section: 013

Reading and Research (116549)

Rebecca Lemov

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History of Science 301 Section: 013

Reading and Research (116549)

Rebecca Lemov

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 301 Section: 014

Reading and Research (116549)

Elizabeth Lunbeck

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

History of Science 301 Section: 014

Reading and Research (116549)

Elizabeth Lunbeck

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll

FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 301 Section: 015

Reading and Research (116549)

Barry Mazur

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History of Science 301 Section: 015

Reading and Research (116549)

Barry Mazur

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 301 Section: 016

Reading and Research (116549)

Everett Mendelsohn

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History of Science 301 Section: 016

Reading and Research (116549)

Everett Mendelsohn

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

History of Science 301 Section: 017

Reading and Research (116549)

Naomi Oreskes

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History of Science 301 Section: 017

Reading and Research (116549)

Naomi Oreskes

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History of Science 301 Section: 018

Reading and Research (116549)

Scott Podolsky

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 301 Section: 018

Reading and Research (116549)

Scott Podolsky

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History of Science 301 Section: 019

Reading and Research (116549)

Ahmed Ragab

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

History of Science 301 Section: 019

Reading and Research (116549)

Ahmed Ragab

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 301 Section: 020

Reading and Research (116549)

Sarah Richardson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 301 Section: 020

Reading and Research (116549)

Sarah Richardson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course

History of Science 301 Section: 021

Reading and Research (116549)

Sophia Roosth

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

History of Science 301 Section: 021

Reading and Research (116549)

Sophia Roosth

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History of Science 301 Section: 022

Reading and Research (116549)

Mark Schiefsky

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History of Science 301 Section: 022

Reading and Research (116549)

Mark Schiefsky

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

History of Science 301 Section: 023

Reading and Research (116549)

Gabriela Soto Laveaga

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

History of Science 301 Section: 023

Reading and Research (116549)

Katharine Park

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History of Science 301 Section: 024

Reading and Research (116549)

Katharine Park

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

History of Science 301 Section: 024

Reading and Research (116549)

Gabriela Soto Laveaga

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

History of Science 301 Section: 025

Reading and Research (116549)

Hannah Marcus

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll

FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 301 Section: 025

Reading and Research (116549)

Hannah Marcus

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History of Science 301 Section: 026

Reading and Research (116549)

Benjamin Wilson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

History of Science 301 Section: 026

Reading and Research (116549)

Benjamin Wilson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

History of Science 301 Section: 027

Reading and Research (116549)

John Durant

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

History of Science 301 Section: 027

Reading and Research (116549)

John Durant

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course

History of Science 301 Section: 028

Reading and Research (116549)

Victor Seow

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History of Science 301 Section: 028

Reading and Research (116549)

Owen Gingerich

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

History of Science 301 Section: 029

Reading and Research (116549)

Victor Seow

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History of Science 301 Section: 030

Reading and Research (116549)

Eram Alam

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in preparation for the General Examination for the PhD degree.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll

FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 302

Guided Research (115473)

Soha Bayoumi

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 302 Section: 002

Guided Research (115473)

Allan Brandt

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
No FAINFO	300 or 3000 level class, do not generate FAINFO

History of Science 302 Section: 002

Guided Research (115473)

Allan Brandt

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

History of Science 302 Section: 003

Guided Research (115473)

Janet Browne

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course

History of Science 302 Section: 003

Guided Research (115473)

Janet Browne

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

History of Science 302 Section: 004

Guided Research (115473)

Alex Csiszar

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

History of Science 302 Section: 004

Guided Research (115473)

Alex Csiszar

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History of Science 302 Section: 005

Guided Research (115473)

Peter Galison

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 302 Section: 005

Guided Research (115473)

Peter Galison

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History of Science 302 Section: 006

Guided Research (115473)

Jean-Francois Gauvin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

History of Science 302 Section: 006

Guided Research (115473)

Jean-Francois Gauvin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

History of Science 302 Section: 007

Guided Research (115473)

Evelynn Hammonds

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 302 Section: 007

Guided Research (115473)

Evelynn Hammonds

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

History of Science 302 Section: 008

Guided Research (115473)

Anne Harrington

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

FAS Divisional Distribution	Social Sciences

History of Science 302 Section: 008

Guided Research (115473)

Anne Harrington

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 302 Section: 009

Guided Research (115473)

Matthew Hersch

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

History of Science 302 Section: 009

Guided Research (115473)

Matthew Hersch

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 302 Section: 010

Guided Research (115473)

Sheila Jasanoff

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 302 Section: 010

Guided Research (115473)

Sheila Jasanoff

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

History of Science 302 Section: 011

Guided Research (115473)

David Shumway Jones

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

History of Science 302 Section: 011

Guided Research (115473)

David Shumway Jones

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History of Science 302 Section: 012

Guided Research (115473)

Shigehisa Kuriyama

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course

History of Science 302 Section: 012

Guided Research (115473)

Shigehisa Kuriyama

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

History of Science 302 Section: 013

Guided Research (115473)

Rebecca Lemov

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 302 Section: 013

Guided Research (115473)

Rebecca Lemov

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History of Science 302 Section: 014

Guided Research (115473)

Elizabeth Lunbeck

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

History of Science 302 Section: 014

Guided Research (115473)

Elizabeth Lunbeck

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

History of Science 302 Section: 015

Guided Research (115473)

Everett Mendelsohn

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 302 Section: 015

Guided Research (115473)

Everett Mendelsohn

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 302 Section: 016

Guided Research (115473)

Robb Moss

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

History of Science 302 Section: 016

Guided Research (115473)

Robb Moss

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History of Science 302 Section: 017

Guided Research (115473)

Naomi Oreskes

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 302 Section: 017

Guided Research (115473)

Naomi Oreskes

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

History of Science 302 Section: 018

Guided Research (115473)

Scott Podolsky

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 302 Section: 018

Guided Research (115473)

Scott Podolsky

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History of Science 302 Section: 019

Guided Research (115473)

Ahmed Ragab

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History of Science 302 Section: 019

Guided Research (115473)

Ahmed Ragab

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

History of Science 302 Section: 020

Guided Research (115473)

Sarah Richardson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

History of Science 302 Section: 020

Guided Research (115473)

Sarah Richardson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 302 Section: 021

Guided Research (115473)

Sophia Roosth

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 302 Section: 021

Guided Research (115473)

Sophia Roosth

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course

History of Science 302 Section: 022

Guided Research (115473)

Mark Schiefsky

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Graduate Course

History of Science 302 Section: 022

Guided Research (115473)

Mark Schiefsky

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 302 Section: 023

Guided Research (115473)

Charles Rosenberg

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History of Science 302 Section: 023

Guided Research (115473)

Gabriela Soto Laveaga

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History of Science 302 Section: 024

Guided Research (115473)

Gabriela Soto Laveaga

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

History of Science 302 Section: 024

Guided Research (115473)

Hannah Marcus

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History of Science 302 Section: 025

Guided Research (115473)

Hannah Marcus

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 302 Section: 025

Guided Research (115473)

Benjamin Wilson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History of Science 302 Section: 026

Guided Research (115473)

Benjamin Wilson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

History of Science 302 Section: 027

Guided Research (115473)

John Durant

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

History of Science 303A

Historiography of the History of Science (203602)

Evelynn Hammonds

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 25

Limited to and required of first year master's and doctoral students in History of Science (exceptions with permission of instructor).

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

History of Science 303B

Research Methods and Practices in the History of Science (203603)

Elizabeth Lunbeck

2020 Spring (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 25

Limited to and required of first year master's and doctoral students in History of Science (exceptions with permission of instructor).

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

History of Science 311

Pre-prospectus Course Work and Research (208313)

2019 Fall (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

G-1, G-2, and G-3 History of Science doctoral students who do not yet have an approved prospectus should enroll in this course if they will not be enrolled in 16 units of course credit for the semester.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

History of Science 311

Pre-prospectus Course Work and Research (208313)

2020 Spring (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

G-1, G-2, and G-3 History of Science doctoral students who do not yet have an approved prospectus should enroll in this course if they will not be enrolled in 16 units of course credit for the semester.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

History of Science 312

Teaching Fellow Research and Training (208315)

2019 Fall (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

History of Science doctoral students who will be teaching at Harvard should enroll in 4 units of this course for every 1/5 section taught to account for academic time spent teaching.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration

History of Science 312

Teaching Fellow Research and Training (208315)

2020 Spring (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

History of Science doctoral students who will be teaching at Harvard should enroll in 4 units of this course for every 1/5 section taught to account for academic time spent teaching.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

History of Science 313

Faculty Research Assistance (208316)

2020 Spring (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

G-1, G-2, and G-3 History of Science doctoral students who do not yet have an approved prospectus and have been hired by a Harvard faculty member to do research should enroll in this course. Students should enroll in 4 units of this course for every 5 – 7 hours of faculty research work done per week.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

History of Science 313

Faculty Research Assistance (208316)

2019 Fall (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

G-1, G-2, and G-3 History of Science doctoral students who do not yet have an approved prospectus and have been hired by a Harvard faculty member to do research should enroll in this course. Students should enroll in 4 units of this course for every 5 – 7 hours of faculty research work done per week.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration

Human Evolutionary Biology

Subject: Human Evolutionary Biology

Human Evolutionary Biology 91R

Supervised Reading and Research (122594)

Neil Roach

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special study of selected topics in human evolutionary biology, given on an individual basis and directly supervised by a member of the Human Evolutionary Biology Faculty.

Course Notes: **Signature of faculty supervisor required for enrollment.**

Requirements: **Course open to Undergraduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 91R Section: 01

Supervised Reading and Research (122594)

Neil Roach

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special study of selected topics in human evolutionary biology, given on an individual basis and directly supervised by a member of the Human Evolutionary Biology Faculty.

Course Notes: **Signature of faculty supervisor required for enrollment.**

Requirements: **Course open to Undergraduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science

Human Evolutionary Biology 97

Sophomore Tutorial in Human Evolutionary Biology (122625)

Amanda Lobell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An introduction to the issues and methods of human evolutionary biology, focusing on evolutionary theory, the concept of adaptation, and their application to human evolution. Weekly readings and discussions, with biweekly writing assignments that integrate major course themes.

Course Notes: **Required of and limited to Human Evolutionary Biology concentrators.**

Requirements: **Course open to Undergraduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Undergraduate Students

Human Evolutionary Biology 99A

Tutorial - Senior Year (122595)

Katherine Zink

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Research and writing of the Senior Thesis.

Course Notes: **Limited to honors candidates. Permission of the faculty advisor required. Part one of a two part course.**

Requirements: **Course open to Senior Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
Full Year Course	Divisible Course

Human Evolutionary Biology 99B

Tutorial - Senior Year (205571)

Katherine Zink

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Research and writing of the Senior Thesis.

Course Notes: **Limited to honors candidates. Permission of the faculty advisor required. Part two of a two part course.**

Requirements: **Course open to Senior Students Only**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 1210

Research in Human Biomechanics and Physiology (127206)

Andrew Yegian

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 8

Introduces students to experimental techniques used to investigate the musculoskeletal structure and physiology of humans. Students undertake a supervised research project in the Skeletal Biology and Biomechanics Laboratory. Students meet to introduce their project, discuss their work and progress, and to present their final results, as well as for several lectures on writing and presenting research findings. An extensive commitment of time in the laboratory is required. Grades are based on the work completed, the oral presentation, and a short research paper.

Course Notes: **This course fulfills the research seminar concentration requirement for Human Evolutionary Biology**

Class Notes: **The first meeting will occur as scheduled in the course catalog, but subsequent meetings will take place approximately every two weeks at a time and day that fits the students' schedules.**

Recommended Prep: **Recommended: Life Sciences 2 or Human Evolutionary Biology 1420**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Human Evolutionary Biology 1212

Climate Change and Human Evolution (205546)

Daniel Green

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 16

This course will explore the relationship between climate, environment and human evolution. How did

hominins and other mammals adapt to global cooling and grassland expansion? Is there any correlation between climate and the adaptive radiation that produced multiple Australopithecine lineages and the genus Homo? How might the environments of Eurasia have influenced the dispersal of Homo sapiens out of Africa? And how are anthropogenic climate change and environmental degradation affecting human health, subsistence and conflict today? What is the future of our species?

Course Notes: **This course counts as an HEB elective for HEB concentrators.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Human Evolutionary Biology 1280

Human Nature (202992)

Richard Wrangham

Erin Hecht

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will examine the evolutionary origins, biological foundations, and psychology underlying human behaviors including kinship, sexuality, incest, parental love, xenophobia, status, homicide, warfare, culture, cooking, language, and religion. Using a comparative approach, we will contextualize human behavior by examining both studies of non-human primates, especially chimpanzees, and the full breadth of human diversity, including both ethnographic and experimental data from hunter-gatherers, agriculturalists, and—the most unusual of all—people from industrialized societies.

Course Notes: **This course is most relevant for freshmen and sophomores who have not yet declared a concentration in Human Evolutionary Biology, for HEB concentrators who have not yet taken courses in the evolution of behavior, or for other concentrators looking for an introduction to evolutionary theories of human behavior.**

Graduate students interested in this course should enroll in HEB 2480.

This course fulfills the behavior subfield requirement for Human Evolutionary Biology.

Requirements: **Course open to Undergraduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Human Evolutionary Biology 1290

Cultural Evolution (159565)

Joseph Henrich

2019 Fall (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Unlike other species, humans are heavily reliant on learning from others to acquire many important aspects of their behavior, and this cultural transmission has created a second system of inheritance that has driven much of our species' genetic evolution. In addition to having shaped our species' anatomy and physiology, cultural evolution has important implications for understanding human nature, and for how to tackle basic problems in psychology, economics and anthropology. The first third of this course will develop the basic principles and lines of inquiry while the remainder will apply, hone and refine them by exploring economic development, the history of modern institutions, and global inequality.

Course Notes: **Students must seek instructors' permission to enroll in the course by sending Professor Joseph Henrich a paragraph via email to explain their interest in the course.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 1311

Evolution of Human Locomotion (213579)

Nicholas Holowka

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

In this course we will examine how the human body evolved to allow our extraordinary form bipedal locomotion. We will survey the hominin fossil record to understand the major transitions in human evolution from climbing to walking to running, and you will learn basic techniques in experimental biomechanics and physiology through laboratory exercises and seminar-style discussions.

Recommended Prep: **Life Sciences 2 and/or HEB 1420 recommended but not required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Human Evolutionary Biology 1328

Evolutionary Medicine: Comparative Perspectives on Medical, Surgical and Psychiatric Illness (205490)

Barbara Natterson-Horowitz

2020 Spring (4 Credits) **Schedule:** R 0600 PM - 0845 PM

Instructor Permissions: Instructor **Enrollment Cap:** 80

Heart attacks, breast cancer, anxiety and eating disorders occur across the animal kingdom. Taught by a physician, the course explores the species-spanning and evolutionary origins of medical, surgical, and psychiatric illnesses. A 'mini-medical school' format will be used to introduce students to ten forms of human pathology emphasizing the typical mechanistic explanations of disease causation offered by physicians followed by in depth evolutionary analyses. Both physical and mental illnesses will be explored across the animal kingdom with a special focus on how emerging awareness of psychopathology in animals can alter the perception (stigma) and treatment of mental illness in human beings.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students

Human Evolutionary Biology 1330

Primate Social Behavior (113837)

Martin Surbeck

Isaac Schamberg

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A review of the behavioral interactions in natural primate populations, drawing on experimental, observational, and theoretical studies. Discussion of ecological, physiological, and developmental bases of primate social behavior, with special attention to the evolution of patterns of behavioral interactions among individuals of different age, sex, relatedness, and status. Topics include sexual conflict, sexual selection, and mating systems; care of offspring and other aid-giving; manipulative and cooperative aspects of communication; competition, dominance, and territoriality; and the evolution of social relationships.

Course Notes: **This course fulfills the behavior concentration requirement for Human Evolutionary Biology.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students

Human Evolutionary Biology 1337

Coexistence in Crisis: How Animals Made Us Human (214597)

Christine Webb

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Human evolution cannot be understood in isolation from other species. Our identities are the product of a multitude of interactions with other life forms, a complex web of constitutive relations. Anthropogenic activities on earth simultaneously undermine and overshadow this reality, rapidly spinning coexistence into a severe and fatal imbalance. We have diluted and dismantled our embeddedness with other beings, choosing a legacy of exploitation over symbiosis—of which our relationships with other animals are a telling manifestation. How did this come to be? How were "human" and "animal" delineated over time? How can we comprehend and improve the fraught dynamics between humans and other beings emblematic of the Anthropocene?

The animal Other has figured prominently in human evolutionary history, as evidenced by the cave art of the Upper Paleolithic. Today, animal representations abound in diverse and often contradictory forms. This course will explore the variety of ecological and cultural relationships that form between humans and other animals—wild and domesticated species, as commodities or companions, from research objects to spiritual/sacred subjects. The course will draw on an interdisciplinary literature from science and philosophy—covering themes such as deep ecology, posthumanism, and our moral obligations to Others—so majors and non-majors are equally welcome. Class sessions will be largely discussion-based, and students will develop a semester-long research project that investigates how a given nonhuman entanglement with human lives has shaped human evolution—thus exemplifying ecophilosopher David Abrams's assertion that "we are human only in contact, and conviviality, with what is not human."

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Human Evolutionary Biology 1339

The Human Brain in the Animal Kingdom (214351)

Erin Hecht

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Our brains make us what we are. How did they get that way? How are they different from other animals', and how are they similar? This course will explore the structure and function of the modern human brain and examine the selective pressures that have impacted the evolution of human neuroanatomy and cognition. Frequent comparisons will be made with other primate and non-primate species in order to situate an understanding of Homo sapiens within the context of the broader animal kingdom. Additionally, the course will delve into the types of methodological approaches used to study these topics and consider the frontiers of new knowledge in this area. The course will integrate research and theory from biological anthropology, archaeology, psychology, ethology, and neuroscience. Topics covered include the evolution of large brains in humans and other species; the emergence of human-unique

phenomena like language, complex tool use, music, and mathematics; social cognition and theory of mind; individual variation and brain plasticity during learning; and domestication and self-domestication.

Recommended Prep: **Recommended prep/prerequisite: HEB 1280 Human Nature**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Human Evolutionary Biology 1361

Hormones and Life History Physiology (203615)

Susan Lipson

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

A survey of human (especially female) life history physiology and the role of hormones in the orchestration of key transitions, the allocation of energy to optimize fitness, and the consequences for health and disease. Lectures will be supplemented by reading and discussion of primary literature.

Course Notes: **The course is a hybrid of lectures (occurring on Mondays) and seminar discussions (occurring on Wednesdays).**

Recommended Prep: **Prerequisite for enrollment: Human Evolutionary Biology 1418, Life Sciences 2, another relevant (e.g., OEB, SCRB) course, or with permission of instructor.**

Requirements: **Anti-req: Cannot be taken for credit if HEB 1351 already complete**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students

Human Evolutionary Biology 1373

Explaining Beauty: The Hidden Functions Behind Aesthetics (208137)

Bethany Burum

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Why do people from some cultures find body modifications attractive that others find ugly? What makes a Picasso beautiful? Why are fashion trends constantly changing? This course will delve into the hidden

functions that explain our aesthetic tastes, including what we find beautiful in the physical body, art, and fashion. Drawing on classic evolutionary theory, theories of cultural evolution, and game theory, we will seek to explain both aesthetic tastes that remain relatively constant, and those that differ dramatically across time and culture. This course will feature field trips to art museums and discussions with experts in different domains of aesthetics.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Human Evolutionary Biology 1381

The Arrogant Ape: Rethinking our Relationships to Others (213580)

Christine Webb

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0515 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Darwin's theory of evolution offered a powerful counternarrative to the scala naturæ, thus redefining the place of Homo sapiens in the natural world. But a great irony presents itself when a species so-named for its wisdom is currently causing the sixth mass extinction of life on earth. In this seminar, we will explore this apparent contradiction, assess why it has come to be part of our evolutionary legacy, and discuss theory and research that counteracts its profound negative potential.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 1389

Coming of Age on Planet Earth (205493)

Barbara Natterson-Horowitz

2020 Spring (4 Credits) **Schedule:** F 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

The challenges of adult maturation are not unique to our species. Some young adult animals take risks and lose their lives, others respond to stress with eating problems or to traumatic first sexual encounters with subsequent dysfunction. The course will use a comparative approach to explore how young adult animals learn to be safe, how they acquire or lose status and rank, how they come of age sexually, and how they learn to survive and thrive on their own. The course will combine analysis of literature from scientific fields (behavioral ecology, endocrinology and evolutionary biology) and the humanities (coming of age short stories and novels) for a comparative analysis of the common challenges of maturation across the animal kingdom and in human life.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 1392

What Game Theory Reveals About Social Behavior (208048)

Bethany Burum

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 40

What happens when the benefits of one strategy depend on the strategy chosen by another? From doing favors to driving on the right side of the road, this interdependence characterizes much of human social behavior, and game theory is the tool designed to reveal what results. This course will draw on models from game theory and evolutionary dynamics to explain some of the most puzzling aspects of our psychology, including why we speak indirectly, why people end up in feuds over trivial resources, and where our moral intuitions come from. No prior knowledge of game theory or evolutionary dynamics is required.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 1412

Human Energetics (205492)

Noreen Tuross

Linda M. Reynard

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 20

In this course we will study human energy intake and expenditure, with a focus on sports. We will cover the basics of energy consumption and production, including an introduction to biochemical and physiological components. This will include understanding calories (energy) in food, the transformation of food components to usable energy in the body, and how to measure energy expenditure. The course will also feature case studies of extreme endurance feats and modern-day and historical explorers/adventurers to highlight the limits of human energy expenditure.

Course Notes: **This is the first part of a two part series. The Fall course (HEB 1412) can be taken separately. The Spring course (HEB 1427) is a laboratory based course that requires HEB 1412 as a prerequisite and will count toward Junior Research Seminar credit in HEB.**

Recommended Prep: **An introductory level LS or Chemistry course are recommended for students interested in this course.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Human Evolutionary Biology 1418

Research Methods in Endocrinology (110741)

Susan Lipson

2019 Fall (4 Credits) **Schedule:** MWF 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 8

An introduction to research in behavioral endocrinology (the study of how hormones and behavior are related), focusing on: 1) laboratory techniques (immunoassay) for the measurement of hormone levels (cortisol and C-peptide) in saliva and urine, 2) study design strategies and data analysis methods, and 3) writing a scientific research paper.

Students complete original research projects, collecting samples, analyzing data on hormone levels and how they are related to various aspects of behavior and/or physiology, and presenting their results orally to the class and as a written research report.

Course Notes: **This course includes a mandatory two-hour laboratory section per week (days/times to be arranged).**

Lab safety training required (after enrollment).

This course fulfills the research seminar requirement for Human Evolutionary Biology.

Preference is given to junior HEB concentrators.

Recommended Prep: **Human Evolutionary Biology 1310 or Life Sciences 2 or with permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Human Evolutionary Biology 1420

Human Evolutionary Anatomy (116069)

Neil Roach

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

How does the human body function? How do our organs develop and grow? Why did we evolve this strange bipedal form? This course explores human anatomy, with an emphasis on the function, structure and evolution of the muscular, skeletal, nervous, circulatory, digestive and reproductive systems. Lectures are combined with small laboratory learning experiences and visits to the Harvard Medical School to study human cadavers.

Course Notes: **This course fulfills the anatomy/physiology concentration requirement for Human Evolutionary Biology**

Recommended Prep: **Life Sciences 2 recommended, but not required**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 1427

Experimental Methods in Human Energetics (213601)

Noreen Tuross

Linda M. Reynard

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 6

We explore the ways energy can be measured in animals, including

humans. A detailed study involving doubly labeled water will anchor the course. In addition, the metabolic consequences of exercise will be studied via immunological approaches.

Course Notes: **This is a laboratory based course that requires HEB 1412 as a prerequisite and will count toward Junior Research Seminar credit in HEB. The series is ideal for sophomore or junior concentrators.**

Recommended Prep: **An introductory level LS or Chemistry course are recommended for students interested in this course.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Human Evolutionary Biology 1480

Building the Human Body (156174)

Terence Capellini

Neil Roach

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Humans and our primate relatives are incredibly variable. This variation results from natural selection operating on the developmental mechanisms that control anatomy and physiology. While these mechanisms remain mostly undiscovered, we are beginning to understand these complex processes due to major advances in technology that have pushed the fields of genetics, genomics and developmental biology rapidly forward. This research-centered course explores these relationships in the context of the human paleontological record. We focus on the evolution and development of the musculoskeletal system, which includes the cranium, axial skeleton and limbs, and present studies that cast light on the developmental genetic mechanisms that underlie major transitions in human evolution.

Course Notes: **This course fulfills the research seminar requirement for Human Evolutionary Biology and includes a mandatory laboratory section.**

Recommended Prep: **LS1b (Genetics, Genomics, and Evolution). Introductory courses in paleoanthropology, anatomy helpful but not required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Human Evolutionary Biology 1600

Evolutionary Genetics of Complex Human Traits (161269)

Maryellen Ruvolo

2019 Fall (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 8

An advanced seminar on complex human traits with a special focus on neurodevelopmental and other behavioral disorders. Topics will include schizophrenia, autism spectrum disorder, and Williams syndrome; links between genotype and phenotype; whether natural selection acts on underlying genetic loci; the role of gene-by-environment interactions; what we can learn about humans from model organisms; complicating factors in the analysis of complex traits; societal reactions to neural diversity; and prospects for the reconstruction of past human behavior from genomic evidence.

Course Notes: **Auditing is not available for this course.**

This course is appropriate for upper-level undergraduate students, as well as first and second year graduate students.

Recommended Prep: **REQUIRED prerequisites: An A or B grade in Life Sciences 1b or a passing score on a pre-course quiz to assess mastery of genetics to**

be administered by the instructor.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Human Evolutionary Biology 2330 Section: 002

Primate Social Behavior (214598)

Martin Surbeck

Isaac Schamberg

2020 Spring (4 Credits) **Schedule:** R 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A review of the behavioral interactions in natural primate populations, drawing on experimental, observational, and theoretical studies. Discussion of ecological, physiological, and developmental bases of primate social behavior, with special attention to the evolution of patterns of behavioral interactions among individuals of different age, sex, relatedness, and status. Topics include sexual conflict, sexual selection, and mating systems; care of offspring and other aid-giving; manipulative and cooperative aspects of communication; competition, dominance, and territoriality; and the evolution of social relationships.

Course Notes: **This is the graduate level of Primate Social Behavior. Graduate students (only) should register for this course, HEB 2330.**

Undergraduate students interested in the course should register for HEB 1330.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Graduate Students

Human Evolutionary Biology 2490

Major Issues in Human Evolution (206978)

Andrew Yegian

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course focuses on what happened in human evolution, why, when, and where, integrating paleontology, archaeology, behavioral ecology of apes and humans, developmental biology, and genetics and genomics.

Course Notes: **This is an upper-level course for graduate students in Human Evolutionary Biology, taken while normally auditing Gen Ed 1027.**

Permission of the instructor is required.

Recommended Prep: **Requirement: A previous course in human evolution and/or auditing GenEd 1027.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science

Human Evolutionary Biology 3000

Reading and Research (126279)

Terence Capellini

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the department.

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
No FAINFO	300 or 3000 level class, do not generate FAINFO
All: Cross Reg Availability	Not Available for Cross Registration

Human Evolutionary Biology 3000 Section: 002

Reading and Research (126279)

Rachel Carmody

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the department.

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Human Evolutionary Biology 3000 Section: 002

Reading and Research (126279)

Rachel Carmody

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the department.

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Human Evolutionary Biology 3000 Section: 004

Reading and Research (126279)

Joseph Henrich

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the department.

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Human Evolutionary Biology 3000 Section: 004

Reading and Research (126279)

Joseph Henrich

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the department.

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Human Evolutionary Biology 3000 Section: 005

Reading and Research (126279)

Daniel Lieberman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the department.

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Human Evolutionary Biology 3000 Section: 005

Reading and Research (126279)

Daniel Lieberman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the department.

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Human Evolutionary Biology 3000 Section: 006

Reading and Research (126279)

Erin Hecht

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the department.

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 3000 Section: 006

Reading and Research (126279)

Erin Hecht

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the department.

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 3000 Section: 008

Reading and Research (126279)

Maryellen Ruvolo

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the department.

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 3000 Section: 009

Reading and Research (126279)

Noreen Tuross

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the department.

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Human Evolutionary Biology 3000 Section: 009

Reading and Research (126279)

Noreen Tuross

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the department.

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 3000 Section: 010

Reading and Research (126279)

Richard Wrangham

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the department.

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Human Evolutionary Biology 3000 Section: 010

Reading and Research (126279)

Richard Wrangham

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Special reading in selected topics under the direction of members of the department.

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 3001

Reading for General Examination (126280)

Terence Capellini

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the general examination for the doctoral degree.

Course Notes: **Restricted to candidates for the doctoral degree and ordinarily to those**

who have completed at least one year in residence.

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Human Evolutionary Biology 3001

Reading for General Examination (126280)

Terence Capellini

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the general examination for the doctoral degree.

Course Notes: **Restricted to candidates for the doctoral degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Human Evolutionary Biology 3001 Section: 002

Reading for General Examination (126280)

Rachel Carmody

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the general examination for the doctoral degree.

Course Notes: **Restricted to candidates for the doctoral degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

FAS Divisional Distribution	None

Human Evolutionary Biology 3001 Section: 002

Reading for General Examination (126280)

Rachel Carmody

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the general examination for the doctoral degree.

Course Notes: **Restricted to candidates for the doctoral degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Human Evolutionary Biology 3001 Section: 004

Reading for General Examination (126280)

Joseph Henrich

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the general examination for the doctoral degree.

Course Notes: **Restricted to candidates for the doctoral degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Human Evolutionary Biology 3001 Section: 004

Reading for General Examination (126280)

Joseph Henrich

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the general examination for the doctoral degree.

Course Notes: **Restricted to candidates for the doctoral degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 3001 Section: 005

Reading for General Examination (126280)

Daniel Lieberman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the general examination for the doctoral degree.

Course Notes: **Restricted to candidates for the doctoral degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Human Evolutionary Biology 3001 Section: 005

Reading for General Examination (126280)

Daniel Lieberman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the general examination for the doctoral degree.

Course Notes: **Restricted to candidates for the doctoral degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Human Evolutionary Biology 3001 Section: 006

Reading for General Examination (126280)

Erin Hecht

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the general examination for the doctoral degree.

Course Notes: **Restricted to candidates for the doctoral degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 3001 Section: 006

Reading for General Examination (126280)

Erin Hecht

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the general examination for the doctoral degree.

Course Notes: **Restricted to candidates for the doctoral degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Human Evolutionary Biology 3001 Section: 008

Reading for General Examination (126280)

Maryellen Ruvolo

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the general examination for the doctoral degree.

Course Notes: **Restricted to candidates for the doctoral degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Human Evolutionary Biology 3001 Section: 009

Reading for General Examination (126280)

Noreen Tuross

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the general examination for the doctoral degree.

Course Notes: **Restricted to candidates for the doctoral degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Human Evolutionary Biology 3001 Section: 009

Reading for General Examination (126280)

Noreen Tuross

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the general examination for the doctoral degree.

Course Notes: **Restricted to candidates for the doctoral degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Human Evolutionary Biology 3001 Section: 010

Reading for General Examination (126280)

Richard Wrangham

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the general examination for the doctoral degree.

Course Notes: **Restricted to candidates for the doctoral degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Human Evolutionary Biology 3001 Section: 010

Reading for General Examination (126280)

Richard Wrangham

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading in preparation for the general examination for the doctoral degree.

Course Notes: **Restricted to candidates for the doctoral degree and ordinarily to those who have completed at least one year in residence.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

All: Cross Reg Availability	Not Available for Cross Registration

Human Evolutionary Biology 3200

Graduate Seminar in Human Evolutionary Biology (126919)

Rachel Carmody

Daniel Green

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Proseminar for Human Evolutionary Biology graduate students. Discussion of adaptations and the process of adaptation using examples from various areas of human evolutionary biology.

Course Notes: **Required for first year graduate students in Human Evolutionary Biology.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 3300

Teaching Fellowship (212556)

Joseph Henrich

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

This course reflects time that a graduate student affiliated with Human Evolutionary Biology spends on teaching effort when the student serves as Teaching Fellow for a Faculty of Arts and Sciences course.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 3300

Teaching Fellowship (212556)

Erin Hecht

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course reflects time that a graduate student affiliated with Human Evolutionary Biology spends on teaching effort when the student serves as Teaching Fellow for a Faculty of Arts and Sciences course.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Human Evolutionary Biology 3300 Section: 002

Teaching Fellowship (212556)

Daniel Lieberman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

This course reflects time that a graduate student affiliated with Human Evolutionary Biology spends on teaching effort when the student serves as Teaching Fellow for a Faculty of Arts and Sciences course.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Human Evolutionary Biology 3300 Section: 002

Teaching Fellowship (212556)

Joseph Henrich

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

This course reflects time that a graduate student affiliated with Human Evolutionary Biology spends on teaching effort when the student serves as Teaching Fellow for a Faculty of Arts and Sciences course.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Human Evolutionary Biology 3300 Section: 003

Teaching Fellowship (212556)

Erin Hecht

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

This course reflects time that a graduate student affiliated with Human Evolutionary Biology spends on teaching effort when the student serves as Teaching Fellow for a Faculty of Arts and Sciences course.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 3300 Section: 003

Teaching Fellowship (212556)

Noreen Tuross

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

This course reflects time that a graduate student affiliated with Human Evolutionary Biology spends on teaching effort when the student serves as Teaching Fellow for a Faculty of Arts and Sciences course.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Human Evolutionary Biology 3300 Section: 004

Teaching Fellowship (212556)

2020 Spring (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

This course reflects time that a graduate student affiliated with Human Evolutionary Biology spends on teaching effort when the student serves as Teaching Fellow for a Faculty of Arts and Sciences course.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Human Evolutionary Biology 3300 Section: 004

Teaching Fellowship (212556)

Daniel Lieberman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

This course reflects time that a graduate student affiliated with Human Evolutionary Biology spends on teaching effort when the student serves as Teaching Fellow for a Faculty of Arts and Sciences course.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Human Evolutionary Biology 3300 Section: 005

Teaching Fellowship (212556)

Noreen Tuross

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

This course reflects time that a graduate student affiliated with Human Evolutionary Biology spends on teaching effort when the student serves as Teaching Fellow for a Faculty of Arts and Sciences course.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 3300 Section: 005

Teaching Fellowship (212556)

Terence Capellini

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

This course reflects time that a graduate student affiliated with Human Evolutionary Biology spends on teaching effort when the student serves as Teaching Fellow for a Faculty of Arts and Sciences course.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 3300 Section: 006

Teaching Fellowship (212556)

Rachel Carmody

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

This course reflects time that a graduate student affiliated with Human Evolutionary Biology spends on teaching effort when the student serves as Teaching Fellow for a Faculty of Arts and Sciences course.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 3300 Section: 006

Teaching Fellowship (212556)

Maryellen Ruvolo

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

This course reflects time that a graduate student affiliated with Human Evolutionary Biology spends on teaching effort when the student serves as Teaching Fellow for a Faculty of Arts and Sciences course.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 3300 Section: 007

Teaching Fellowship (212556)

Richard Wrangham

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

This course reflects time that a graduate student affiliated with Human Evolutionary Biology spends on teaching effort when the student serves as Teaching Fellow for a Faculty of Arts and Sciences course.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Human Evolutionary Biology 3300 Section: 007

Teaching Fellowship (212556)

Terence Capellini

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

This course reflects time that a graduate student affiliated with Human Evolutionary Biology spends on teaching effort when the student serves as Teaching Fellow for a Faculty of Arts and Sciences course.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Human Evolutionary Biology 3300 Section: 008

Teaching Fellowship (212556)

Richard Wrangham

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

This course reflects time that a graduate student affiliated with Human Evolutionary Biology spends on teaching effort when the student serves as Teaching Fellow for a Faculty of Arts and Sciences course.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Human Evolutionary Biology 3300 Section: 008

Teaching Fellowship (212556)

Rachel Carmody

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

This course reflects time that a graduate student affiliated with Human Evolutionary Biology spends on teaching effort when the student serves as Teaching Fellow for a Faculty of Arts and Sciences course.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 3310

Experimental Methods in Human Evolutionary Biology (117873)

Terence Capellini

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Human Evolutionary Biology 3310

Experimental Methods in Human Evolutionary Biology (117873)

Terence Capellini

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Human Evolutionary Biology 3310 Section: 002

Experimental Methods in Human Evolutionary Biology (117873)

Rachel Carmody

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Human Evolutionary Biology 3310 Section: 002

Experimental Methods in Human Evolutionary Biology (117873)

Rachel Carmody

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 3310 Section: 004

Experimental Methods in Human Evolutionary Biology (117873)

Daniel Lieberman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Human Evolutionary Biology 3310 Section: 004

Experimental Methods in Human Evolutionary Biology (117873)

Daniel Lieberman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Human Evolutionary Biology 3310 Section: 005

Experimental Methods in Human Evolutionary Biology (117873)

Maryellen Ruvolo

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Human Evolutionary Biology 3310 Section: 006

Experimental Methods in Human Evolutionary Biology (117873)

Noreen Tuross

Linda M. Reynard

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 3310 Section: 006

Experimental Methods in Human Evolutionary Biology (117873)

Noreen Tuross

Linda M. Reynard

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Human Evolutionary Biology 3310 Section: 007

Experimental Methods in Human Evolutionary Biology (117873)

Erin Hecht

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 3310 Section: 007

Experimental Methods in Human Evolutionary Biology (117873)

Richard Wrangham

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Human Evolutionary Biology 3310 Section: 007

Experimental Methods in Human Evolutionary Biology (117873)

Richard Wrangham

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 3350

Laboratory Methods in Primate and Human Nutrition (126406)

Rachel Carmody

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent laboratory study in the biochemical analysis of plant and animal foods, and of human and animal digestive physiology and feeding behavior.

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Human Evolutionary Biology 3350

Laboratory Methods in Primate and Human Nutrition (126406)

Rachel Carmody

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent laboratory study in the biochemical analysis of plant and animal foods, and of human and animal digestive physiology and feeding behavior.

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Human Evolutionary Biology 3350 Section: 002

Laboratory Methods in Primate and Human Nutrition (126406)

Richard Wrangham

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent laboratory study in the biochemical analysis of plant and animal foods, and of human and animal digestive physiology and feeding behavior.

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 3350 Section: 002

Laboratory Methods in Primate and Human Nutrition (126406)

Richard Wrangham

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent laboratory study in the biochemical analysis of plant and animal foods, and of human and animal digestive physiology and feeding behavior.

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 3400

Advanced Reading and Research (126282)

Terence Capellini

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS Divisional Distribution	None

Human Evolutionary Biology 3400

Advanced Reading and Research (126282)

Terence Capellini

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Human Evolutionary Biology 3400 Section: 002

Advanced Reading and Research (126282)

Rachel Carmody

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Human Evolutionary Biology 3400 Section: 002

Advanced Reading and Research (126282)

Rachel Carmody

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 3400 Section: 003

Advanced Reading and Research (126282)

Erin Hecht

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Human Evolutionary Biology 3400 Section: 004

Advanced Reading and Research (126282)

Joseph Henrich

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Human Evolutionary Biology 3400 Section: 004

Advanced Reading and Research (126282)

Joseph Henrich

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Human Evolutionary Biology 3400 Section: 005

Advanced Reading and Research (126282)

Daniel Lieberman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 3400 Section: 005

Advanced Reading and Research (126282)

Daniel Lieberman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Human Evolutionary Biology 3400 Section: 006

Advanced Reading and Research (126282)

Erin Hecht

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Human Evolutionary Biology 3400 Section: 008

Advanced Reading and Research (126282)

Maryellen Ruvolo

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 3400 Section: 009

Advanced Reading and Research (126282)

Noreen Tuross

Linda M. Reynard

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Human Evolutionary Biology 3400 Section: 009

Advanced Reading and Research (126282)

Noreen Tuross

Linda M. Reynard

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Human Evolutionary Biology 3400 Section: 010

Advanced Reading and Research (126282)

Richard Wrangham

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 3400 Section: 010

Advanced Reading and Research (126282)

Richard Wrangham

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Human Evolutionary Biology 3500

Direction of the Doctoral Dissertation (126283)

Terence Capellini

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Human Evolutionary Biology 3500

Direction of the Doctoral Dissertation (126283)

Terence Capellini

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Human Evolutionary Biology 3500 Section: 002

Direction of the Doctoral Dissertation (126283)

Rachel Carmody

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Human Evolutionary Biology 3500 Section: 002

Direction of the Doctoral Dissertation (126283)

Rachel Carmody

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Human Evolutionary Biology 3500 Section: 004

Direction of the Doctoral Dissertation (126283)

Joseph Henrich

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Human Evolutionary Biology 3500 Section: 004

Direction of the Doctoral Dissertation (126283)

Joseph Henrich

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Human Evolutionary Biology 3500 Section: 005

Direction of the Doctoral Dissertation (126283)

Daniel Lieberman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Human Evolutionary Biology 3500 Section: 005

Direction of the Doctoral Dissertation (126283)

Daniel Lieberman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 3500 Section: 006

Direction of the Doctoral Dissertation (126283)

Erin Hecht

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 3500 Section: 006

Direction of the Doctoral Dissertation (126283)

Erin Hecht

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Human Evolutionary Biology 3500 Section: 008

Direction of the Doctoral Dissertation (126283)

Maryellen Ruvolo

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Human Evolutionary Biology 3500 Section: 009

Direction of the Doctoral Dissertation (126283)

Noreen Tuross

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Human Evolutionary Biology 3500 Section: 009

Direction of the Doctoral Dissertation (126283)

Noreen Tuross

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Human Evolutionary Biology 3500 Section: 010

Direction of the Doctoral Dissertation (126283)

Richard Wrangham

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 3500 Section: 010

Direction of the Doctoral Dissertation (126283)

Richard Wrangham

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Consult the appropriate member of the department.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Human Evolutionary Biology 3596

Laboratory Methods in Human Developmental Genetics (160709)

Terence Capellini

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised independent laboratory research focusing on discovering the developmental genetic and genomic mechanisms that control musculo-skeletal development in the context of human evolutionary anatomy. Students will be conducting research in Professor Terry Capellini's Developmental and Evolutionary Genetics Lab.

Course Notes: **Limited to graduate students in Human Evolutionary Biology.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Human Evolutionary Biology 3596

Laboratory Methods in Human Developmental Genetics (160709)

Terence Capellini

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised independent laboratory research focusing on discovering the developmental genetic and genomic mechanisms that control musculo-skeletal development in the context of human evolutionary anatomy. Students will be conducting research in Professor Terry Capellini's Developmental and Evolutionary Genetics Lab.

Course Notes: **Limited to graduate students in Human Evolutionary Biology.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Human Evolutionary Biology 3600

Current Issues in Human Evolutionary Biology (126616)

Daniel Lieberman

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Weekly seminars in human evolutionary biology.

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Human Evolutionary Biology 3600

Current Issues in Human Evolutionary Biology (126616)

Richard Wrangham

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Weekly seminars in human evolutionary biology.

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Humanities

Subject: Humanities

Humanities 10A

A Humanities Colloquium: From Homer to Garcia Marquez (110440)

Louis Menand
Alison Simmons
Davíd L. Carrasco
Melissa M. McCormick
Nicholas Boylston
Stephen Greenblatt

2019 Fall (4 Credits) **Schedule:** T 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 90

2,500 years of essential works, taught by six professors. Humanities 10a includes works by Homer, Plato, Sappho, Murasaki, Rumi, Sor Juana Ines de la Cruz, Shakespeare, Descartes, Austen, Woolf and García Márquez, as well as the Bible and the Quran. One 75-minute lecture plus a 75-minute discussion seminar led by the professors every week. Students also receive instruction in critical writing one hour a week, in writing labs and individual conferences. Students also have opportunities to visit cultural venues and attend musical and theatrical events in Cambridge or Boston.

Course Notes: **The course is open only to freshmen. Students who complete Humanities 10a meet the General Education distribution requirement for Arts & Humanities. Students who take both Humanities 10a and Humanities 10b fulfill the College Writing requirement. This is the only course outside of Expository Writing that satisfies the College Writing requirement. No auditors. The course may not be taken Pass/Fail.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
FAS: Final Assessment Category	Three-hour Exam

Humanities 10B

A Humanities Colloquium: From Joyce to Homer (110441)

Louis Menand
Leah Whittington
David Armitage
Samantha Matherne
David Elmer
Katharina Piechocki

2020 Spring (4 Credits) **Schedule:** T 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** 90

2,500 years of essential works, taught by six professors. Humanities 10b is open only to students who completed Humanities 10a in Fall 2019. Humanities 10b includes works by Joyce, Du Bois, Alain Locke, Mary Shelley, Schiller, Molière, Montaigne, More, Dante, Apuleius, Sophocles, and Homer. One 75-minute lecture plus a 75-minute discussion seminar led by the professors every week. Students continue to receive instruction in critical writing one hour a week, in writing labs and individual conferences. Students also have opportunities to visit cultural venues and attend musical and theatrical events in Cambridge or Boston.

Course Notes: **The course is open only to freshmen. Students who complete Humanities 10a meet the General Education distribution requirement for Arts & Humanities. Students who take both Humanities 10a and Humanities 10b fulfill the College Writing requirement. This is the only course outside of Expository Writing that satisfies the College Writing requirement. No auditors. The course may not be taken Pass/Fail.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration

Inner Asian and Altaic Studies

Subject: Inner Asian and Altaic Studies

Inner Asian and Altaic Studies 390

Research (215719)

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Permission of department required to enroll.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Inner Asian and Altaic Studies 390

Research (215719)

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Permission of department required to enroll.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Linguistics

Subject: Linguistics

Linguistics 73A

Beginning American Sign Language I (203507)

Andrew Bottoms

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course is an introduction to the language and linguistic structure of American Sign Language and to Deaf culture for students with no prior experience. Focus will be on gaining a foundation for later fluency and understanding the role of ASL in Deaf history, current culture, education, bilingualism, and research.

Course Notes: **This course is limited to 15 students.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	American Sign Language
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Linguistics 73A Section: 002

Beginning American Sign Language I (203507)

Andrew Bottoms

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course is an introduction to the language and linguistic structure of American Sign Language and to Deaf culture for students with no prior experience. Focus will be on gaining a foundation for later fluency and understanding the role of ASL in Deaf history, current culture, education, bilingualism, and research.

Course Notes: **This course is limited to 15 students.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	American Sign Language
FAS Divisional Distribution	None
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Linguistics 73B

Beginning American Sign Language II (203513)

Andrew Bottoms

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course is the second part of the beginning sequence of American Sign Language, an introduction to the language and linguistic structure of American Sign Language and to Deaf culture for students with no prior experience. Focus will be on gaining a foundation for later fluency and understanding the role of ASL in Deaf history, current culture, education, bilingualism, and research.

Course Notes: **This course is limited to 15 students.**

Recommended Prep: **Linguistics 73A, Beginning American Sign Language I**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	American Sign Language

Linguistics 73B Section: 002

Beginning American Sign Language II (203513)

Andrew Bottoms

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course is the second part of the beginning sequence of American Sign Language, an introduction to the language and linguistic structure of American Sign Language and to Deaf culture for students with no prior experience. Focus will be on gaining a foundation for later fluency and understanding the role of ASL in Deaf history, current culture, education, bilingualism, and research.

Course Notes: **This course is limited to 15 students.**

Class Notes: **Section 002 is taught by the teaching staff.**

Recommended Prep: **Linguistics 73A, Beginning American Sign Language I**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	American Sign Language
FAS Divisional Distribution	None

Linguistics 73C

Beginning ASL III (205111)

Andrew Bottoms

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

ASL III is designed for students who have completed ASL levels I and II. Students come to ASL III with an understanding of the fundamentals of ASL comprehension and production. These foundational courses (ASL I and II) introduce students to the language using a natural acquisition approach without explicit focus on grammatical rules. ASL III has an increased focus on the appropriate ways to converse with members the Deaf community. In this class, students will learn how to tell stories that adhere to the pragmatic and linguistic standards of the Deaf community with a focus on stylistically appropriate production. In this class, students will learn how to engage with members of the Deaf community in respectful and culturally appropriate ways. In addition to fostering language development, we will discuss the history and culture of the Deaf community.

Course Notes: **This course is limited to 15 students.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	American Sign Language

Linguistics 73D

Beginning ASL IV (205124)

Andrew Bottoms

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

ASL IV course will build on the foundation set in the first three levels of ASL and will focus on expressive language at a more advanced level. Students will have an opportunity to play with the language and explore different literary genres including: classifier stories, narratives of personal experience, visual vernacular and ASL poetry. Given that language learning doesn't happen in isolation, we will continue our exploration of Deaf culture and norms in order to develop a deeper understanding of the Deaf community. Growing out of this discussion, students will learn what it means to work as an ally to the Deaf community and avoid oppressive behavior. Other issues to be discussed include recognizing audism in oneself and others and how to appropriately respond.

Course Notes: **This course is limited to 15 students.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	American Sign Language
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Linguistics 83

Language, Structure, and Cognition (122514)

Kathryn Davidson

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

What do the world's almost 7,000 languages have in common? Why do they show recurrent commonalities and principled differences? What do they reveal about the human ability for speaking and thinking? How do languages develop? How do they die? This course addresses these and related questions while introducing the languages of the world; their distribution, recurrent structural properties, and genetic classification; processes of language contact; and the relationship between language and the brain.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Linguistics 90A

Advanced ASL Tutorial I (208019)

2019 Fall (4 Credits) **Schedule:** M 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Small group instruction on Advance ASL, Level V with focus on expanded vocabulary and linguistics traits and structure. Hours to be arranged.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	American Sign Language

Linguistics 90B

Advanced ASL Tutorial II (211196)

Kathryn Davidson

2020 Spring (4 Credits) **Schedule:** M 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

ASL VI is a small group instruction that applies knowledge of advanced American Sign Language (ASL) grammar and vocabulary that focuses on the use of ASL discourse in formal as well as informal settings.

This course additionally develops complex constructs and an understanding and production of lengthier narratives. Current cultural topics and attitudes regarding the Deaf community will also be explored. Hours to be arranged.

Class Notes: **The course instructor is Emily Glenn Smith.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	American Sign Language
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Linguistics 91R

Supervised Reading and Research (109372)

Kathryn Davidson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent study with a faculty member. For students who wish to pursue a particular linguistic topic not covered in other course offerings.

Course Notes: **Students should consult the Head Tutor about having this course count towards the concentration.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Linguistics 91R

Supervised Reading and Research (109372)

Kathryn Davidson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent study with a faculty member. For students who wish to pursue a particular linguistic topic not covered in other course offerings.

Course Notes: **Students should consult the Head Tutor about having this course count towards the concentration.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll

FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Linguistics 97R

Group Tutorial - Sophomore Year (111002)

Kathryn Davidson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Intensive study in a selected linguistic area such as phonology, syntax, historical linguistics, phonetics, morphology, semantics, psycholinguistics, acquisition, sociolinguistics, creole studies, or computational linguistics. Meets as two six-week small-group tutorials, in the spring term.

Course Notes: **Required of concentrators.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Linguistics 97R

Group Tutorial - Sophomore Year (111002)

Kathryn Davidson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Intensive study in a selected linguistic area such as phonology, syntax, historical linguistics, phonetics, morphology, semantics, psycholinguistics, acquisition, sociolinguistics, creole studies, or computational linguistics. Meets as two six-week small-group tutorials, in the spring term.

Course Notes: **Required of concentrators.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Linguistics 98A

Group Tutorial - Junior Year (113749)

Kathryn Davidson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Meets as two six-week small-group tutorials, both held in the fall term, each covering one of the areas of linguistics listed under Linguistics 97r.

Course Notes: **Required of concentrators.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Linguistics 98B

Tutorial - Junior Year (120862)

Kathryn Davidson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual tutorial with a faculty member and/or supported tutorial on the subject within a chosen track.

Course Notes: **Required of concentrators. Consult mentor/advisor for 98b.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Linguistics 99A

Senior Writing Thesis Year (112452)

Dorothy Ahn

2019 Fall (4 Credits) **Schedule:** F 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Group tutorial led by the College Fellow (co-taught with Masoud Jasbi) with the participation of students' thesis advisors for research and writing of the Linguistics honors thesis. An honors student who expects not to complete the thesis should consult with the Head Tutor about completing other substantial work to receive credit for the course.

Requirements: **Course open to Senior Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

All: Cross Reg Availability	Not Available for Cross Registration

Linguistics 99B

Tutorial - Senior Year (124754)

Dorothy Ahn

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Individual tutorial with a faculty member for research and writing of the Linguistics honors thesis. An honors student who expects not to complete the thesis should consult with the Head Tutor about completing other substantial work to receive credit for the course.

Course Notes: **Both Linguistics 99a and 99b are required of all senior honors concentrators. Students who wish to enroll must obtain the signature of the Head Tutor.**

Requirements: **Course open to Senior Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration

Linguistics 101

The Science of Language: An Introduction (110785)

Susanne Wurmbrand

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course is an introduction to the study of linguistics as a science. It introduces several components of grammar (morphology, syntax, phonology, phonetics, and semantics) and surveys methods, findings and theories of linguistic research on the sound system and the structures of human language.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Linguistics 102 Section: 01

Sentence Structure (121089)

Isabelle Charnavel

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

What determines how the words in a sentence are put together in a given language? This course introduces the field of syntax, and the study of order and structure among words. Students will learn to construct and evaluate syntactic analyses and argumentation and will be exposed to variation and universals in the syntactic patterns found in natural languages. The course will also provide an introductory survey of syntactic phenomena, including question formation, the passive, anaphora, and agreement.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Linguistics 104

Word Structure (125790)

Jonathan Bobaljik

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course investigates the nature and structure of words through the lens of contemporary morphological theory. What's in a word? Topics include the place of word formation in relation to phonological and syntactic phenomena, morphological processes, and the nature of the lexicon. Emphasis on the analysis of morphological phenomena in a range of typologically diverse languages.

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Linguistics 105

Sounds of Language (111954)

Kevin Ryan

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

What are the sounds of the world languages, and how are they organized to make words and sentences? Why are some sounds hard to hear or make? Is there a `universal inventory' of sounds? This class introduces students to the sounds of the world's languages, and provides tools for studying them systematically. We will study the setup to transfer thoughts from one brain to another.

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
Quantitative Reasoning with Data	Yes
FAS Course Roll	FAS Course Roll

Linguistics 106

Knowledge of Meaning (117788)

Dorothy Ahn

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course is an introduction to the field of natural language semantics, which is a branch of linguistics concerned with meaning. What does it mean to know the meaning of a sentence? How do different parts of a sentence compose to form a sentence meaning? We will start by looking at sentence-level meanings and relations between them. Then, we will investigate how the meanings of sentence-internal elements (like verbs, subjects, and adjectives) are composed to form sentence meanings. During the process, we will cover some formal tools that allow us to talk about language in a precise way: set theory, propositional logic, predicate logic, and lambda notation. We will consider how the formal tools apply (and not apply) to natural languages and discuss how we can achieve a more comprehensive understanding of meaning.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Linguistics 108 Section: 01

Introduction to Historical Linguistics (123850)

Jeremy Rau

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Methods and goals of linguistic reconstruction. Topics include the regularity of sound change, types of linguistic change, the relationship between linguistic reconstruction and synchronic analysis, language contact and borrowing, and mechanisms of linguistic change, including recent theories.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Linguistics 112

Syntactic Theory I (114153)

C.-T. James Huang

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course provides an intensive introduction to generative syntactic theory. Emphasis on syntactic argumentation. Topics center on foundational problems in the theory of syntax, including phrase structure of nominals and clauses, varieties of movement, locality, argument structure, ellipsis case agreement, and the syntax-semantics interface.

Recommended Prep: **Linguistics 102, equivalent, or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

Linguistics 115

Phonological Theory I (123439)

Kevin Ryan

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0200 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course is an intensive introduction to phonological theory and experimental work in phonology. This includes rule-based and constraint-based approaches, the typology of phonological processes (vowel and consonant harmony, assimilation and dissimilation, lenition and fortition, etc.), and phonological acquisition. Experimental approaches will deal with gradience, exceptionality, and productivity with an introduction to the quantitative methodologies that these phenomena require.

Recommended Prep: **Linguistics 105, equivalent, or permission of the instructor**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Linguistics 116

Semantic Theory I (122515)

Ulrich Sauerland

2019 Fall (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An introductory course on semantics in generative grammar. This course provides the formal tools to investigate the truth-conditional meanings of sentences. Topics covered include: compositionality, type theory and the fundamentals of clause structure, quantifier scope, and variable-binding. This course will be taught by Visiting Professor Uli Sauerland Fall Term 2019.

Recommended Prep: **Linguistics 106, equivalent, or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

Linguistics 117R

Linguistic Field Methods (123611)

Jonathan Bobaljik

2020 Spring (4 Credits) **Schedule:** W 0945 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

In our study of human language we rely on data from different, sometimes underdescribed, languages. But how do we obtain reliable data? This course provides tools for the elicitation of phonological, morphological, and syntactic information, working with a native speaker of an unfamiliar language. We focus on the practical methodology and discuss problems of data collection and grammatical description in the field, with the aim to prepare students for their own potential fieldwork.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Linguistics 118 Section: 01

Historical and Comparative Linguistics (112099)

Jay Jasanoff

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to diachronic linguistics at the graduate level. Theory of language change: sound change and analogy, syntactic and semantic change, change in progress. The comparative method: proving genetic relationship, reconstruction, and subgrouping.

NOTE: NOT OPEN TO STUDENTS WHO HAVE TAKEN LING 108

Course Notes: **NOTES:**

NOT OPEN TO STUDENTS WHO HAVE TAKEN LING 108. UNDERGRADUATES MUST HAVE INSTRUCTOR CONSENT.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Linguistics 123 Section: 01

Intermediate Indo-European (123440)

Jay Jasanoff

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Designed as a sequel to Linguistics 107. A detailed overview of Indo-European comparative grammar, with emphasis on recent developments and discoveries.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Linguistics 132 Section: 01

Psychosemantics (123448)

Kathryn Davidson

2020 Spring (4 Credits) **Schedule:** F 0945 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Explores issues at the interface of linguistic semantics, pragmatics and psychology. Introduces how the analysis of meaning has been pursued by linguists and psychologists. Focuses on topics that are both of central interest to theoretical linguistics and the target of experimental research. These include sentence structure, sentential connectives, quantification, numbers, mass-count distinction, adjectives and comparison, scales and modalities.

Recommended Prep: **A background in psychology or linguistics; some acquaintance with both helpful but not necessary.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Linguistics 143 Section: 01

Morphosemantics (000143)

Jonathan Bobaljik

Ulrich Sauerland

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course covers topics at the intersection of morphology and (formal) semantics, including, for example, theories of features (e.g., person, number, gender) from morphological and semantic perspectives; converging and diverging evidence for markedness relations; morphological and semantic evidence for the internal composition of grammatical categories; and related topics.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Linguistics 173 Section: 01

Structure of the Japanese Language (113738)

Wesley Jacobsen

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An examination of selected phenomena in Japanese phonology, morphology, and syntax with special attention to difficulties encountered in the acquisition of Japanese by adult native English speakers.

Recommended Prep: **Japanese 120b or its equivalent. Familiarity with basic linguistics concepts desirable.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Linguistics 190 Section: 01

Quantitative Methods in Linguistics (212923)

Kevin Ryan

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to statistical methods for the analysis of experimental and corpus data in linguistics.

Emphasis is on case studies from sociolinguistics, phonology, semantics, and historical linguistics and on current approaches to data modeling and visualization in R, a software environment for statistical computing.

Recommended Prep: **Prerequisites include a 100-level course in linguistics and the ability to procure some quantitative linguistic data for a final project; prior exposure to programming is helpful but not required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Linguistics 204R

Topics in Syntax (114737)

C.-T. James Huang

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Examination of current issues in syntactic theory with focus on topics of interest to the class.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Linguistics 212

Syntactic Theory II (123099)

Susanne Wurmbrand

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course is designed to enable students to follow current research in syntax. Topics vary from year to year; may include head movement, case and agreement, anaphora, functional categories, ellipsis, argument structure, constraints on movement and derivations, and on form-meaning mappings.

Recommended Prep: **Linguistics 112, equivalent, or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Linguistics 215

Phonological Theory II (107809)

Kevin Ryan

2020 Spring (4 Credits) **Schedule:** R 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course addresses topics of current interest in phonological theory, potentially including competing constraint grammar frameworks, learnability, naturalness biases, prosody, quantitative approaches (experimental or corpus-driven), variation, gradience, and the morphological interface.

Recommended Prep: **Linguistics 105, equivalent, or permission of the instructor**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Linguistics 216 Section: 01

Semantic Theory II (117103)

Kathryn Davidson

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0200 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Linguistics 116. Designed to enable students to follow current research in semantics. Topics covered include: intensional contexts, indexicals, modalities, event based semantics, presuppositions, and formal theories of implicatures.

Recommended Prep: **Linguistics 116, equivalent, or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Linguistics 220AR

Advanced Indo-European (112991)

Jay Jasanoff

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The course this term will be an introduction to Tocharian, with grammar and reading of selected texts. Permission of the instructor required.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Linguistics 221R Section: 01

Workshop in Indo-European (107469)

Jeremy Rau

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The topic for the year will be arranged in consultation with interested students. Conducted as a seminar.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

Linguistics 241

Practicum in Linguistics (138303)

Isabelle Charnavel

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Presentation of reports on current research or assigned topics.

Course Notes: **Required of second- and fourth -year Linguistics graduate students.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Linguistics 250

Old Church Slavonic (123710)

Michael Flier

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

History of the first Slavic literary language, its role in Slavic civilization; phonology, morphology, syntax, and vocabulary of Old Church Slavonic; reading from canonical texts.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Linguistics 300

Direction of Doctoral Dissertations (119132)

Jonathan Bobaljik

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Linguistics 300

Direction of Doctoral Dissertations (119132)

Jonathan Bobaljik

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Linguistics 300 Section: 002

Direction of Doctoral Dissertations (119132)

Michael Flier

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Linguistics 300 Section: 002

Direction of Doctoral Dissertations (119132)

Michael Flier

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Linguistics 300 Section: 003

Direction of Doctoral Dissertations (119132)

Jeremy Rau

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Linguistics 300 Section: 003

Direction of Doctoral Dissertations (119132)

Jeremy Rau

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Linguistics 300 Section: 004

Direction of Doctoral Dissertations (119132)

Jay Jasanoff

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Linguistics 300 Section: 004

Direction of Doctoral Dissertations (119132)

Jay Jasanoff

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Linguistics 300 Section: 005

Direction of Doctoral Dissertations (119132)

Kevin Ryan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Linguistics 300 Section: 005

Direction of Doctoral Dissertations (119132)

Kevin Ryan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Linguistics 300 Section: 006

Direction of Doctoral Dissertations (119132)

Gennaro Chierchia

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Linguistics 300 Section: 006

Direction of Doctoral Dissertations (119132)

Gennaro Chierchia

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Linguistics 300 Section: 007

Direction of Doctoral Dissertations (119132)

Kathryn Davidson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Linguistics 300 Section: 008

Direction of Doctoral Dissertations (119132)

Kathryn Davidson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Linguistics 300 Section: 008

Direction of Doctoral Dissertations (119132)

Isabelle Charnavel

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Linguistics 300 Section: 009

Direction of Doctoral Dissertations (119132)

Jesse Snedeker

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Linguistics 300 Section: 009

Direction of Doctoral Dissertations (119132)

Isabelle Charnavel

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Linguistics 300 Section: 010

Direction of Doctoral Dissertations (119132)

Jesse Snedeker

2020 Spring (4 Credits) **Schedule:** TBD

TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Linguistics 300 Section: 010

Direction of Doctoral Dissertations (119132)

C.-T. James Huang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Linguistics 300 Section: 011

Direction of Doctoral Dissertations (119132)

C.-T. James Huang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Linguistics 301

Reading or Special Topics Course (124075)

Jonathan Bobaljik

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Linguistics 301

Reading or Special Topics Course (124075)

Jonathan Bobaljik

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Linguistics 301 Section: 002

Reading or Special Topics Course (124075)

Michael Flier

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Linguistics 301 Section: 002

Reading or Special Topics Course (124075)

Michael Flier

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Linguistics 301 Section: 003

Reading or Special Topics Course (124075)

Jeremy Rau

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Linguistics 301 Section: 003

Reading or Special Topics Course (124075)

Jeremy Rau

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Linguistics 301 Section: 004

Reading or Special Topics Course (124075)

Jay Jasanoff

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Linguistics 301 Section: 004

Reading or Special Topics Course (124075)

Jay Jasanoff

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Linguistics 301 Section: 005

Reading or Special Topics Course (124075)

Kevin Ryan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Linguistics 301 Section: 005

Reading or Special Topics Course (124075)

Kevin Ryan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Linguistics 301 Section: 006

Reading or Special Topics Course (124075)

Gennaro Chierchia

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Linguistics 301 Section: 006

Reading or Special Topics Course (124075)

Gennaro Chierchia

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Linguistics 301 Section: 007

Reading or Special Topics Course (124075)

Kathryn Davidson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Linguistics 301 Section: 007

Reading or Special Topics Course (124075)

Kathryn Davidson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Linguistics 301 Section: 008

Reading or Special Topics Course (124075)

Isabelle Charnavel

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Linguistics 301 Section: 008

Reading or Special Topics Course (124075)

Isabelle Charnavel

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Linguistics 301 Section: 009

Reading or Special Topics Course (124075)

Jesse Snedeker

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Linguistics 301 Section: 009

Reading or Special Topics Course (124075)

Jesse Snedeker

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Linguistics 301 Section: 010

Reading or Special Topics Course (124075)

C.-T. James Huang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Linguistics 301 Section: 010

Reading or Special Topics Course (124075)

C.-T. James Huang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Linguistics 302R

Independent Research (208332)

Jonathan Bobaljik

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent Research

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Linguistics 302R Section: 01

Independent Research (208332)

Jonathan Bobaljik

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Independent Research

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Linguistics 302T

Time Teaching (208331)

Jonathan Bobaljik

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Time Teaching

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Linguistics 302T Section: 01

Time Teaching (208331)

Jonathan Bobaljik

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Time Teaching

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Mathematics

Subject: Mathematics

Mathematics ESPA

Emerging Scholars: Problem Solving Exploration (204095)

Dusty Grundmeier

2019 Fall (2 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

In his seminal work from 1945, How to Solve It, George Polya introduced principles of mathematical problem solving that are widely applicable to problems in science and engineering. This year-long class focuses on building a powerful and portable problem-solving and modeling tool kit while bridging the divide between mathematics and science courses. The second semester will be organized around projects in areas of student interest. Both Math ESPA and Math ESPB must be taken in the same academic year to receive credit.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
Full Year Course	Indivisible Course
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Mathematics ESPB

Emerging Scholars: Problem Solving Exploration (204096)

Dusty Grundmeier

2020 Spring (2 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

In his seminal work from 1945, How to Solve It, George Polya introduced principles of mathematical problem solving that are widely applicable to problems in science and engineering. This year-long class focuses on building a powerful and portable problem-solving and modeling tool kit while bridging the divide between mathematics and science courses. The second semester will be organized around projects in areas of student interest. Both Math ESPA and Math ESPB must be taken in the same academic year to receive credit.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Indivisible Course
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Mathematics MA

Introduction to Functions and Calculus I (111161)

Brendan Kelly

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

The study of functions and their rates of change. Fundamental ideas of calculus are introduced early and used to provide a framework for the study of mathematical modeling involving algebraic, exponential, and logarithmic functions. Thorough understanding of differential calculus promoted by year long reinforcement. Applications to biology and economics emphasized according to the interests of our students.

Course Notes: **This is a lecture course taught in small sections. In addition, participation in two one-hour workshops is required each week. This course, when taken together with Mathematics Mb, can be followed by Mathematics 1b. Mathamatics Ma and Mb together cover all the material in Mathematics 1a (and more).**

Class Notes: **Required first meeting in Fall: Tuesday, September 3, 8:15 am, Science Center C**

Fall Section Times: MWF 9:00, MWF 10:30, MWF 12, MWF 1:30, MWF 3 with sufficient enrollment

Caroline Junkins, Kate Penner, Florencia Orosz Hunziker, David Freund, Voula Collins, Emily Braley, Carolyn Gardener-Thomas

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Quantitative Reasoning with Data	Yes
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Mathematics MB

Introduction to Functions and Calculus II (113464)

Brendan Kelly

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Continued investigation of functions and differential calculus through modeling; an introduction to integration with applications; an introduction to differential equations. Solid preparation for Mathematics 1b.

Course Notes: **This is a lecture course taught in small sections. In addition, participation in two one-hour workshops is required each week. This course, when taken together with Mathematics Ma, can be followed by Mathematics 1b. Mathematics Ma and Mathematics Mb together cover**

all the material in Mathematics 1a (and more).

Class Notes: **Spring Section Times: MWF 9:00, MWF 10:30, MWF 12, MWF 1:30, and MWF 3:00 with sufficient enrollment.**

Caroline Junkins, Kate Penner, David Freund, Matthew Demers, Hakim Walker, Emily Braley, Voula Collins, Florencia Orosz Hunziker, Carolyn Gardener-Thomas

Required first meeting in Spring: Monday, January 27, 8:15 am, Science Center Hall A

Requirements: **Prerequisite: Mathematics MA**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Mathematics 1A

Introduction to Calculus (123680)

Oliver Knill

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

The development of calculus by Newton and Leibniz ranks among the greatest achievements of the past millennium. This course will help you see why by introducing: how differential calculus treats rates of change; how integral calculus treats accumulation; and how the fundamental theorem of calculus links the two. These ideas will be applied to problems from many other disciplines.

Course Notes: **In the fall, Math 1a is taught in sections of 20-30 students. In the spring, Math 1a is taught in a larger lecture format. Participation in a weekly 90-minute workshop is required.Mathematics Ma and Mb together cover all of the material in Mathematics 1a (and more).**

Class Notes: **Spring Section Time: MWF 10:30 and a weekly lab section to be arranged.**

Recommended Prep: **A solid background in precalculus.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
Quantitative Reasoning with Data	Yes
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Final Assessment Category	Three-hour Exam

Mathematics 1A

Introduction to Calculus (123680)

Jill Guerra

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

The development of calculus by Newton and Leibniz ranks among the greatest achievements of the past millennium. This course will help you see why by introducing: how differential calculus treats rates of change; how integral calculus treats accumulation; and how the fundamental theorem of calculus links the two. These ideas will be applied to problems from many other disciplines.

Course Notes: **In the fall, Math 1a is taught in sections of 20-30 students. In the spring, Math 1a is taught in a larger lecture format. Participation in a weekly 90-minute workshop is required.Mathematics Ma and Mb together cover all of the material in Mathematics 1a (and more).**

Class Notes: **Required first meeting in Fall: Tuesday, September 3, 7:45 am, Science Center C**

Fall Section Times: MWF 9:00, MWF 10:30, MWF 12:00, MWF 1:30, and MWF 3:00 with sufficient enrollment.

Voula Collins, Elana Kalashnikov

Recommended Prep: **A solid background in precalculus.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
Quantitative Reasoning with Data	Yes
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students

Mathematics 1B

Calculus, Series, and Differential Equations (111010)

Hakim Walker

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Speaking the language of modern mathematics requires fluency with the topics of this course: infinite series, integration, and differential equations. Model practical situations using integrals and differential equations. Learn how to represent interesting functions using series and find qualitative, numerical, and analytic ways of studying differential equations. Develop both conceptual understanding and the ability to apply it.

Course Notes: **This is a lecture taught in small sections.**

Class Notes: **Required first meeting in Fall: Tuesday, September 3, 8:15 am, Science Center B**

Fall Section Times: MWF 9:00, MWF 10:30, MWF 12:00, MWF 1:30, and MWF 3:00 with sufficient enrollment.

David Freund, Hakim Walker, Stepan Paul,

Recommended Prep: **Mathematics 1a or Ma and Mb; or 5 on the AB advanced placement test; or an equivalent background in mathematics.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
Quantitative Reasoning with Data	Yes
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam

Mathematics 1B

Calculus, Series, and Differential Equations (111010)

Robin Gottlieb

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Speaking the language of modern mathematics requires fluency with the topics of this course: infinite series, integration, and differential equations. Model practical situations using integrals and differential equations. Learn how to represent interesting functions using series and find qualitative, numerical, and analytic ways of studying differential equations. Develop both conceptual understanding and the ability to apply it.

Course Notes: **This is a lecture taught in small sections.**

Class Notes: **Spring Section Times: MWF 9:00, MWF 10:30, MWF 12:00, and MWF 1: 30 with sufficient enrollment.**

Hakim Walker, Forenceia Orosz Hunziker, Elana Kalashnikov, Voula Collins

Required first meeting in Spring: Monday, January 27, 8:15 am, Science Center Hall D

Recommended Prep: **Mathematics 1a or Ma and Mb; or 5 on the AB advanced placement test; or an equivalent background in mathematics.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
Quantitative Reasoning with Data	Yes
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students

Mathematics 18A

Multivariable Calculus for Social Sciences (125396)

Drew Zemke

2019 Fall (4 Credits) **Schedule:** MWF 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Focus on concepts and techniques of multivariable calculus most useful to those studying the social sciences, particularly economics: functions of several variables; partial derivatives; linear appproximation; multiple integrals; directional derivatives and the gradient; constrained and unconstrained optimization, including the method of Lagrange multipliers. Covers topics from Mathematics 21a most useful to social sciences.

Course Notes: **Mathematics 21b can be taken before or after Mathematics 18. Examples draw primarily from economics and the social sciences, though Mathematics 18 may be useful to students in certain natural sciences. Students whose main interests lie in the physical sciences, mathematics, or engineering should consider Math or Applied Math 21a.**

Recommended Prep: **Mathematics 1b or equivalent, or a 5 on the BC Advanced Placement Examination in Mathematics.**

Requirements: **Anti-Requisite: Not to be taken in addition to Mathematics 21a or Applied Mathematics 21a**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Quantitative Reasoning with Data	Yes
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science

Mathematics 18B/19B

Linear Algebra, Probability, and Statistics (213535)

Stepan Paul

2020 Spring (4 Credits) **Schedule:** MWF 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Probability, statistics and linear algebra with applications to life sciences, chemistry, environmental sciences, economics and social sciences. Students will learn to use computing software to perform relevant calculations on data sets coming from these areas of study. Linear algebra includes matrices, eigenvalues, eigenvectors, determinants, and applications to probability, statistics, dynamical systems. Basic probability and statistics are introduced, as are standard models, techniques, and their uses including the central limit theorem, Markov chains, curve fitting, regression, and pattern analysis.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Quantitative Reasoning with Data	Yes
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Mathematics 19A

Modeling and Differential Equations for the Life Sciences (110596)

John Cain

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Considers the construction and analysis of mathematical models that arise in the life sciences, ecology and environmental life science. Introduces mathematics that include multivariable calculus, differential equations in one or more variables, vectors, matrices, and linear and non-linear dynamical systems. Taught via examples from current literature (both good and bad).

Course Notes: **This course is recommended over Math 21a for those planning to concentrate in the life sciences and ESPP. Can be taken with or without Mathematics 21a,b. Students with interests in the social sciences and economics might consider Mathematics 18. This course can be taken before or after Mathematics 18.**

Recommended Prep: **A course in one variable calculus preferably at the level of Mathematics 1b.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
Quantitative Reasoning with Data	Yes
FAS Course Roll	FAS Course Roll

Mathematics 21A

Multivariable Calculus (119196)

Drew Zemke

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

To see how calculus applies in practical situations described by more than one variable, we study: Vectors, lines, planes, parameterization of curves and surfaces, partial derivatives, directional derivatives and the gradient, optimization and critical point analysis, including constrained optimization and the Method of Lagrange Multipliers, integration over curves, surfaces and solid regions using Cartesian, polar, cylindrical, and spherical coordinates, divergence and curl of vector fields, and the Green's, Stokes's, and Divergence Theorems.

Course Notes: **This is a lecture taught in small sections. May not be taken for credit by students who have passed Applied Mathematics 21a. Activities using computers to calculate and visualize applications of these ideas will not require programming experience.**

Class Notes: **Spring Section Times: MWF 9:00, MWF 10:30, MWF 12, MWF 1:30, and MWF 3:00 with sufficient enrollment.**

Stepan Paul, Jill Guerra, Elden Elmato, Matthew Demers

Required first meeting Spring: Monday, January 27, 8:15 am, Science Center Hall C

Recommended Prep: **Mathematics 1b or an equivalent background in mathematics.**

Requirements: **Anti-requisite: Not to be taken in addition to AM21a.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
Quantitative Reasoning with Data	Yes

Mathematics 21A

Multivariable Calculus (119196)

Oliver Knill

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

To see how calculus applies in practical situations described by more than one variable, we study: Vectors, lines, planes, parameterization of curves and surfaces, partial derivatives, directional derivatives and the gradient, optimization and critical point analysis, including constrained optimization and the Method of Lagrange Multipliers, integration over curves, surfaces and solid regions using Cartesian, polar, cylindrical, and spherical coordinates, divergence and curl of vector fields, and the Green's, Stokes's, and Divergence Theorems.

Course Notes: **This is a lecture taught in small sections. May not be taken for credit by students who have passed Applied Mathematics 21a. Activities using computers to calculate and visualize applications of these ideas will not require programming experience.**

Class Notes: **Required first meeting in Fall: Wednesday, September 4, 8:15 am, Science Center B**

Fall Section times: MWF 9:00, MWF 10:30, MWF 12, MWF 1:30, and MWF 3:00 with sufficient enrollment.

Drew Zemke, Jameel Al-Aidroos, Stepan Paul, Florencia Orosz Hunziker, Arnav Tripathy, Fabian Gundlach

Recommended Prep: **Mathematics 1b or an equivalent background in mathematics.**

Requirements: **Anti-requisite: Not to be taken in addition to AM21a.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
Quantitative Reasoning with Data	Yes
FAS: Course Level	Primarily for Undergraduate Students
FAS: Final Assessment Category	Three-hour Exam

Mathematics 21B

Linear Algebra and Differential Equations (110989)

Janet Chen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Matrices provide the algebraic structure for solving myriad problems across the sciences. We study matrices and related topics such as linear transformations and linear spaces, determinants, eigenvalues, and eigenvectors. Applications include dynamical systems, ordinary and partial differential equations, and an introduction to Fourier series.

Course Notes: **This is a lecture taught in small sections. May not be taken by students who have passed Applied Mathematics 21b.**

Class Notes: **Spring Section Times: MWF 9:00, MWF 10:30, MWF 12:00, MWF 1:30, MWF 3:00**

Jill Guerra, Jameel Al-Aidroos David Freund, Brendan Kelly, Dori Bejleiri, Chris Gerig

Required first meeting in Spring: Monday, January 27, 8:15 am, Science Center Hall B

Recommended Prep: **Mathematics 1b or an equivalent background in mathematics. Mathematics 21a is commonly taken before Mathematics 21b, but is not a prerequisite, although familiarity with partial derivatives is useful.**

Requirements: **Anti-requisite: Not to be taken in addition to Math 19b or AM 21b.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Mathematics 21B

Linear Algebra and Differential Equations (110989)

Matthew Demers

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Matrices provide the algebraic structure for solving myriad problems across the sciences. We study matrices and related topics such as linear transformations and linear spaces, determinants, eigenvalues, and eigenvectors. Applications include dynamical systems, ordinary and partial differential equations, and an introduction to Fourier series.

Course Notes: **This is a lecture taught in small sections. May not be taken by students who have passed Applied Mathematics 21b.**

Class Notes: **Required first meeting in Fall: Tuesday, September 3, 8:15 am, Science Center D**

Fall Section Times: MWF 9:00, MWF 10:30, MWF 12:00, MWF 1:30 with sufficient enrollment, MWF 3:00 with sufficient enrollment.

Recommended Prep: **Mathematics 1b or an equivalent background in mathematics. Mathematics 21a is commonly taken before Mathematics 21b, but is not a prerequisite, although familiarity with partial derivatives is useful.**

Requirements: **Anti-requisite: Not to be taken in addition to Math 19b or AM 21b.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science
Quantitative Reasoning with Data	Yes
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Mathematics 22A

Vector Calculus and Linear Algebra I (207485)

Dusty Grundmeier

2019 Fall (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course covers multivariable calculus and linear algebra for students interested in mathematical sciences. It covers the same topics as Mathematics 21, but does so with more rigor. Students are taught techniques of proof and mathematical reasoning. The workload and content is comparable with the Mathematics 21 sequence. But unlike the latter, the linear algebra and calculus are more interlinked.

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
Quantitative Reasoning with Data	Yes
FAS Divisional Distribution	Science & Engineering & Applied Science

Mathematics 22B

Vector Calculus and Linear Algebra II (207486)

Dusty Grundmeier

2020 Spring (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 50

A continuation of Mathematics 22a

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Mathematics 23A

Linear Algebra and Real Analysis I (111695)

Paul Bamberg

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 60

Linear algebra: vectors, linear transformations and matrices, scalar and vector products, basis and dimension, eigenvectors and eigenvalues, including an introduction to the R scripting language. Single-variable real analysis: sequences and series, limits and continuity, derivatives, inverse functions, power series and Taylor series. Multivariable real analysis and calculus: topology of Euclidean space, limits, continuity, and differentiation in n dimensions, inverse and implicit functions, manifolds, Lagrange multipliers, path integrals, div, grad, and curl. Emphasis on topics that are applicable to fields such as physics, economics, and computer science, but students are also expected to learn how to prove key results.

Course Notes: **Students are expected to watch videos of the lectures from Fall 2015 before attending class. Weekly two-hour classes will consist of a one-hour seminar in which students present key definitions and proofs and a one-hour activity-based session in which students work in small groups to solve problems. Students are expected to continue in either Mathematics 23b (recommended for students who are thinking of concentrating in mathematics, the physical sciences, or engineering) or Mathematics 23c (recommended for students who are not sure of their concentration, or who are thinking about a concentration in the social sciences, economics, computer science, life sciences or data science). Either alternative will provide a solid foundation for a concentration in mathematics or any field that uses mathematics.**

Class Notes: **Required first meeting in Fall: Tuesday, September 3, 8:15 am, Science Center A**

Recommended Prep: **Mathematics 1b or a grade of 4 or 5 on the Calculus BC Advanced Placement Examination, plus an interest both in proving mathematical**

results and in using them. No background in linear algebra, real analysis, or multivariable calculus is assumed.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Mathematics 23A Section: 002

Linear Algebra and Real Analysis I (111695)

Paul Bamberg

2019 Fall (4 Credits) **Schedule:** F 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 60

Linear algebra: vectors, linear transformations and matrices, scalar and vector products, basis and dimension, eigenvectors and eigenvalues, including an introduction to the R scripting language. Single-variable real analysis: sequences and series, limits and continuity, derivatives, inverse functions, power series and Taylor series. Multivariable real analysis and calculus: topology of Euclidean space, limits, continuity, and differentiation in n dimensions, inverse and implicit functions, manifolds, Lagrange multipliers, path integrals, div, grad, and curl. Emphasis on topics that are applicable to fields such as physics, economics, and computer science, but students are also expected to learn how to prove key results.

Course Notes: **Students are expected to watch videos of the lectures from Fall 2015 before attending class. Weekly two-hour classes will consist of a one-hour seminar in which students present key definitions and proofs and a one-hour activity-based session in which students work in small groups to solve problems. Students are expected to continue in either Mathematics 23b (recommended for students who are thinking of concentrating in mathematics, the physical sciences, or engineering) or Mathematics 23c (recommended for students who are not sure of their concentration, or who are thinking about a concentration in the social sciences, economics, computer science, life sciences or data science). Either alternative will provide a solid foundation for a concentration in mathematics or any field that uses mathematics.**

Recommended Prep: **Mathematics 1b or a grade of 4 or 5 on the Calculus BC Advanced Placement Examination, plus an interest both in proving mathematical results and in using them. No background in linear algebra, real analysis, or multivariable calculus is assumed.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Mathematics 23B

Linear Algebra and Real Analysis II (145010)

Paul Bamberg

2020 Spring (4 Credits) **Schedule:** F 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A rigorous, integrated treatment of linear algebra and multivariable calculus. Topics: Riemann and Lebesgue integration, determinants, change of variables, volume of manifolds, differential forms, and exterior derivative. Stokes's theorem is presented both in the language of vector analysis (div, grad, and curl) and in the language of differential forms.

Course Notes: **Mathematics 23b is a sequel to Mathematics 23a, recommended for students who are thinking of concentrating in mathematics, the physical sciences, or engineering. Students are expected to watch videos of the lectures from spring 2016 before attending class. Weekly two-hour classes will consist of a one-hour seminar in which students present key definitions and proofs and a one-hour activity-based session in which students work in small groups to solve problems.**

Recommended Prep: **Mathematics 23a.**

Requirements: **Prerequisite: MATH 23A OR (MATH 21A AND MATH 21B) AND (Not to be taken in addition to MATH 23C)**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Mathematics 23C

Mathematics for Computation, Statistics, and Data Science (205386)

Paul Bamberg

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Proof strategies and logic. Sets, countability, sigma fields, and axiomatic foundations of probability. Summation of series and evaluation of multiple integrals, with emphasis on calculation of expectation and variance. Abstract vector spaces and inner product spaces, with applications to analysis of large datasets. Key functions and theorems of mathematical statistics. A brief introduction to classical vector calculus as used in electromagnetic theory. Students will learn to use some of the statistical and graphical display tools in the R scription language.

Course Notes: **This course is a sequel to Mathematics 23a, recommended for students who are not sure of their concentration or who are thinking about a concentration in the social sciences, economics, computer science, life sciences or data science. Graduate students wishing to take this course for credit should speak with Dr. Bamberg to arrange enrollment in Mathematics 370 instead.**

Recommended Prep: **Mathematics 23a or Mathematics 21a and 21b. The latter option is for seniors who are preparing for graduate programs in statistics, computer science, or data science.**

Requirements: **Prerequisite: MATH 23A OR (MATH 21A AND MATH 21B) AND (Not to be taken in addition to MATH 23B)**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
Quantitative Reasoning with Data	Yes
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Mathematics 25A

Theoretical Linear Algebra and Real Analysis I (110808)

John Cain

2019 Fall (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

A rigorous treatment of linear algebra. Topics include: Construction of number systems; fields, vector spaces and linear transformations; eigenvalues and eigenvectors, determinants and inner products. Metric spaces, compactness and connectedness.

Course Notes: **Expect to spend a lot of time doing mathematics.**

Recommended Prep: **5 on the Calculus BC Advanced Placement Examination and some familiarity with writing proofs, or the equivalent as determined by the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam

Mathematics 25B

Theoretical Linear Algebra and Real Analysis II (110855)

John Cain

2020 Spring (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

A rigorous treatment of basic analysis. Topics include: convergence, continuity, differentiation, the Riemann integral, uniform convergence, the Stone-Weierstrass theorem, Fourier series, differentiation in several variables. Additional topics, including the classical results of vector calculus in two and three dimensions, as time allows.

Course Notes: **Expect to spend a lot time doing mathematics.**

Requirements: **Prerequisite: Mathematics 25A OR Mathematics 55A**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students

Mathematics 55A

Studies in Algebra and Group Theory (113627)

Joseph D. Harris

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A rigorous introduction to abstract algebra, including group theory and linear algebra. This course covers the equivalent of Mathematics 25a and Mathematics 122, and prepares students for Mathematics 123 and other advanced courses in number theory and algebra. (A course in analysis such as Mathematics 25b or 55b is recommended for Spring semester.)

Course Notes: **Mathematics 55a is an intensive course for students who are comfortable with abstract mathematics. (Students without this background will gain it and learn the material from Math 55a,b in other courses by continuing into the Mathematics Concentration as sophomores.) Students can switch between Mathematics 55a and either Mathematics 25a, 23a, 22a, 21a during the first three weeks without penalty.**

Recommended Prep: **Familiarity with proofs and abstract reasoning; and commitment to a fast moving course.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Mathematics 55B

Studies in Real and Complex analysis (112871)

Joseph D. Harris

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A rigorous introduction to real and complex analysis. This course covers the equivalent of Mathematics 25b and Mathematics 113, and prepares students for Mathematics 114 and other advanced courses in

analysis.

Course Notes: **Mathematics 55b is an intensive course for students having significant experience with abstract mathematics.**

Requirements: **Prerequisite: Mathematics 55A**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Mathematics 60R

Reading Course for Senior Honors Candidates (123883)

Dennis Gaitsgory

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Supervised small group tutorials in advanced reading topics not covered in courses. (See class note below for tutorial topic titles).

Course Notes: **Limited to candidates for honors in Mathematics who obtain the permission of both the faculty member under whom they want to work and the Director of Undergraduate Studies. May not count for concentration in Mathematics without special permission from the Director of Undergraduate Studies. Graded Sat/Unsat only.**

Class Notes: **Spring term: the two tutorial titles are mathematics in economic theory" and "Classical mechanics and symplectic geometry"**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Mathematics 60R

Reading Course for Senior Honors Candidates (123883)

Dennis Gaitsgory

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised small group tutorials in advanced reading topics not covered in courses. (See class note below

for tutorial topic titles).

Course Notes: **Limited to candidates for honors in Mathematics who obtain the permission of both the faculty member under whom they want to work and the Director of Undergraduate Studies. May not count for concentration in Mathematics without special permission from the Director of Undergraduate Studies. Graded Sat/Unsat only.**

Class Notes: **Fall term: the two tutorial titles are "Etale cohomology" and "Morse theory"**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Mathematics 91R

Supervised Reading and Research (111297)

Dennis Gaitsgory

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Programs of directed study supervised by a person approved by the Department.

Course Notes: **May not ordinarily count for concentration in Mathematics.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Mathematics 91R

Supervised Reading and Research (111297)

Dennis Gaitsgory

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Programs of directed study supervised by a person approved by the Department.

Course Notes: **May not ordinarily count for concentration in Mathematics.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Mathematics 99R

Tutorial (117647)

Dennis Gaitsgory

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Supervised small group tutorial. Topics to be arranged.

Course Notes: **May be repeated for course credit with permission from the Director of Undergraduate Studies. Only one tutorial may count for concentration credit.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Mathematics 99R

Tutorial (117647)

Dennis Gaitsgory

2019 Fall (4 Credits) **Schedule:** WF 0430 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised small group tutorial. Topics to be arranged.

Course Notes: **May be repeated for course credit with permission from the Director of Undergraduate Studies. Only one tutorial may count for concentration credit.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Mathematics 101

Sets, Groups and Topology (122943)

Eriko Hironaka

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to rigorous mathematics, axioms, and proofs, via topics including set theory, symmetry groups, and low-dimensional topology.

Course Notes: **Familiarity with algebra, geometry and/or calculus is desirable. Students who have already taken Mathematics 22a,b, 23a,b, 25a,b or 55a,b should not take this course for credit. This course given fall term and repeated spring term.**

Recommended Prep: **An interest in mathematical reasoning. Acquaintance with algebra, geometry and/or calculus is desirable. Students who have already taken Math 25a,b or 55a,b should not take this course for credit.**

Requirements: **Anti-Req: Not to be taken in addition to Mathematics 23a,b or 25a,b or 55a,b.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Mathematics 101 Section: 01

Sets, Groups and Topology (122943)

Peter Kronheimer

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to rigorous mathematics, axioms, and proofs, via topics including set theory, symmetry groups, and low-dimensional topology.

Course Notes: **Familiarity with algebra, geometry and/or calculus is desirable. Students who have already taken Mathematics 22a,b, 23a,b, 25a,b or 55a,b should not take this course for credit. This course given fall term and repeated spring term.**

Recommended Prep: **An interest in mathematical reasoning. Acquaintance with algebra, geometry and/or calculus is desirable. Students who have already taken Math 25a,b or 55a,b should not take this course for credit.**

Requirements: **Anti-Req: Not to be taken in addition to Mathematics 23a,b or 25a,b or 55a,b.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Core Curriculum (old)	Quantitative Reasoning
All: Cross Reg Availability	Available for Harvard Cross Registration

Mathematics 110

Vector Space Methods for Differential Equations (126610)

Christian Brennecke

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Develops the theory of inner product spaces, both finite-dimensional and infinite-dimensional, and applies it to a variety of ordinary and partial differential equations. Topics: existence and uniqueness theorems, Sturm-Liouville systems, orthogonal polynomials, Fourier series, Fourier and Laplace transforms, eigenvalue problems, and solutions of Laplace's equation and the wave equation in the various coordinate systems.

Recommended Prep: **Mathematics 22a,b, 23a,b or 25a,b or Mathematics 19a,b or 21a,b plus any Mathematics course at the 100 level; or an equivalent background in Mathematics.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Mathematics 112

Introductory Real Analysis (109817)

W. Hugh Woodin

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to mathematical analysis and the theory behind calculus. An emphasis on learning to understand and construct proofs. Covers limits and continuity in metric spaces, uniform convergence and spaces of functions, the Riemann integral.

Recommended Prep: **Mathematics 19a,b or 21a,b and either an ability to write proofs or concurrent enrollment in Mathematics 101 or 102; or an equivalent background in mathematics.**

Requirements: **Anti-Req: Not to be taken in addition to Mathematics 23a,b or 25a,b or 55a,b.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Mathematics 113

Complex Analysis (113608)

Alexander Kupers

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Analytic functions of one complex variable: power series expansions, contour integrals, Cauchy's theorem, Laurent series and the residue theorem. Some applications to real analysis, including the evaluation of indefinite integrals. An introduction to some special functions.

Recommended Prep: **Not recommended for most students who took Mathematics 55a and/or Mathematics 55b. Talk to the Director of Undergraduate Studies in Mathematics if you took Mathematics 55a and/or 55b and wish to take this course.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Mathematics 114

Analysis of Function Spaces, Measure and Integration (123227)

Christian Brennecke

2019 Fall (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Lebesgue measure and integration; general topology; introduction to L^p spaces, Banach and Hilbert spaces, and duality.

Recommended Prep: **Mathematics 22a,b, 23a,b or 25a,b or 55a,b or 112; or an equivalent background in mathematics.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

Mathematics 115

Methods of Analysis (111065)

Tianqi Wu

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Complex functions; Fourier analysis; Hilbert spaces and operators; Laplace's equations; Bessel and Legendre functions; symmetries; Sturm-Liouville theory.

Course Notes: **Mathematics 115 is especially for students interested in physics.**

Recommended Prep: **Mathematics 22a,b, 23a,b or 25a,b or 55a,b or 112; or an equivalent background in mathematics.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Mathematics 116

Real Analysis, Convexity, and Optimization (118302)

Marius Lemm

2019 Fall (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Develops the theory of convex sets, normed infinite-dimensional vector spaces, and convex functionals and applies it as a unifying principle to a variety of optimization problems such as resource allocation, production planning, and optimal control. Topics include Hilbert space, dual spaces, the Hahn-Banach theorem, the Riesz representation theorem, calculus of variations, and Fenchel duality. Students will be expected to understand and come up with proofs of theorems in real and functional analysis.

Recommended Prep: **Mathematics 22a,b, 23a,b or 25a,b or 55a,b; or Mathematics 21a,b plus at least one other more advanced course in mathematics; or an equivalent background in mathematics.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Mathematics 118R

Dynamical Systems (118429)

Eriko Hironaka

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to dynamical systems theory with a view toward applications. Topics include existence and uniqueness theorems for flows, qualitative study of equilibria and attractors, iterated maps, and bifurcation theory.

Recommended Prep: **Mathematics 19a,b or 21a,b or Math 22a,b,or Math 23a,b or Math 25a,b or Math 55a,b; or an equivalent background in mathematics.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

Mathematics 119

Introduction to Stochastic Calculus (212889)

Horng-Tzer Yau

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The goal of this class is to provide an introduction to Brownian motion and stochastic calculus. In addition, we will cover basic martingale theory. We will also give an intuitive derivation of Ito's formula and cover some of its application.

Course Notes: **This class assumes familiarity with basic probability theory at the level of Mathematics 154.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Mathematics 121

Linear Algebra and Applications (120228)

Elden Elmanto

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Real and complex vector spaces, linear transformations, determinants, inner products, dual spaces, and eigenvalue problems. Applications to some or all of the following: Ggeometry, systems of linear differential equations, optimization, and Markov processes. This course emphasizes learning to understand and write rigorous mathematics.

Recommended Prep: **Mathematics 19b or 21b or an equivalent background in mathematics.**

Requirements: **Anti-req: Not to be taken in addition to Mathematics 22b, 23a or 25a or 55a.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Mathematics 122

Algebra I: Theory of Groups and Vector Spaces (122603)

Brooke Ullery

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Groups and group actions, vector spaces and their linear transformations, bilinear forms and linear representations of finite groups.

Recommended Prep: **Not recommended for most students who took Mathematics 55a and/or Mathematics 55b. Talk to the Director of Undergraduate Studies in Mathematics if you took Mathematics 55a and/or Mathematics 55b and wish to take this course.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

Mathematics 123

Algebra II: Theory of Rings and Fields (116503)

Sebastien Vasey

2020 Spring (4 Credits) **Schedule:** WF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Rings and modules. Polynomial rings. Field extensions and the basic theorems of Galois theory. Structure theorems for modules.

Requirements: **Prerequisite: Mathematics 122 or Mathematics 55a**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

FAS Divisional Distribution	Science & Engineering & Applied Science

Mathematics 124

Number Theory (111533)

Michael Hopkins

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Factorization and the primes; congruences; quadratic residues and reciprocity; continued fractions and approximations; Pell's equation; selected Diophantine equations; theory of integral quadratic forms. Also, selected applications to coding, introduction to elliptic curves and introduction to zeta functions if time permits.

Recommended Prep: **Mathematics 101 or 122 or 25a or 23a; or 55a which can be taken concurrently; or an equivalent experience and comfort level with abstract mathematics.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Mathematics 129

Number Fields (115734)

Barry Mazur

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Algebraic number theory: number fields, unique factorization of ideals, finiteness of class group, structure of unit group, Frobenius elements, local fields, ramification, weak approximation, adeles, and ideles.

Recommended Prep: **Knowledge of the material in Mathematics 123.**

Requirements: **Prerequisite: Mathematics 123**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science

Mathematics 130

Classical Geometry (123211)

Eylem Yildiz

2020 Spring (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Presents several classical geometries, these being the affine, projective, Euclidean, spherical and hyperbolic geometries. They are viewed from many different perspectives, some historical and some very topical. Emphasis on reading and writing proofs.

Recommended Prep: **Mathematics 19a,b or 21a,b or 22a,b or 23a or 25a or 55a which may be taken concurrently; or an equivalent background in mathematics.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Mathematics 131

Topological Spaces and Fundamental Group (111458)

Denis Auroux

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

First, an introduction to abstract topological spaces, their properties (compactness, connectedness, metrizability) and their corresponding continuous functions and mappings. Then, an introduction to algebraic topology including homotopy theory, fundamental groups and covering spaces.

Recommended Prep: **Some acquaintance with metric space topology as taught in Mathematics 22a,b, 23a,b, 25a,b, 55a,b, 101, 102, or 112; and with groups as taught in Mathematics 101, 122 or 55a.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll

Mathematics 132

Differential Topology (123212)

Alexander Kupers

2020 Spring (4 Credits) **Schedule:** WF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Differential manifolds, smooth maps and transversality. Winding numbers, vector fields, index and degree. Differential forms, Stokes' theorem, introduction to cohomology.

Recommended Prep: **Mathematics 22a,b, 23a,b or 25a,b or 55a,b or 112; or an equivalent background in mathematics.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

Mathematics 136

Differential Geometry (111133)

Sebastien Picard

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The course is an introduction to Riemannian geometry with the focus (for the most part) being the Riemannian geometry of curves and surfaces in space where the fundamental notions can be visualized.

Recommended Prep: **Mathematics 19a,b or 21a,b or 22a,b or 23a or 25a or 55a (may be taken concurrently); or an equivalent background in mathematics.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

Mathematics 137

Algebraic Geometry (116452)

Brooke Ullery

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Affine and projective spaces, plane curves, Bezout's theorem, singularities and genus of a plane curve, Riemann-Roch theorem.

Recommended Prep: **Knowledge of the material in Mathematics 123.**

Requirements: **Prerequisite: Mathematics 123**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Mathematics 145A

Set Theory I (156119)

Sebastien Vasey

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to set theory: ordinals, cardinals, transfinite induction, the cummulative hierarchy, ZFC, the theory of the infinite, and the basics of independence.

Recommended Prep: **Familiarity with proofs. A previous mathematics course at the level of Mathematics 23ab, 25ab, 55ab, 101, 102, or 112 would be enough.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Mathematics 152 Section: SEM

Discrete Mathematics (116191)

Paul Bamberg

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 14

An introduction to finite groups, finite fields, finite geometry, finite topology, combinatorics, graph theory, and (for section 2 only) elementary algebraic topology. A recurring theme of the course is the symmetry group of the regular icosahedron. Elementary category theory will be introduced as a unifying principle. Taught in a seminar format: students will gain experience in presenting proofs at the blackboard.

Course Notes: **Covers material used in Computer Science 121 and Computer Science 124. Enrollment limited to16.**

Recommended Prep: **For section 1: Mathematics 19b or 21b. Previous experience with proofs is not required.**
For section 2: Mathematics 23a or 25a or an equivalent background in mathematics that includes experience with proofs.

Requirements: **Not to be taken in addition to Computer Science 20, Mathematics 55a/b or Mathematics 122.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science

Mathematics 153

Mathematical Biology-Evolutionary Dynamics (119502)

Martin Nowak

2019 Fall (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduces basic concepts of mathematical biology and evolutionary dynamics: evolution of genomes, quasi-species, finite and infinite population dynamics, chaos, game dynamics, evolution of cooperation and language, spatial models, evolutionary graph theory, infection dynamics, somatic evolution of cancer.

Recommended Prep: **Mathematics 19a,b or 21a,b or 22a,b or 23a,b or 25a,b or 55a,b; or an equivalent background in mathematics.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

Mathematics 154

Probability Theory (113811)

Christian Brennecke

2020 Spring (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to probability theory. Discrete and continuous random variables; distribution and density functions for one and two random variables; conditional probability. Generating functions, weak and strong laws of large numbers, and the central limit theorem. Geometrical probability, random walks, and Markov processes.

Recommended Prep: **A previous mathematics course at the level of Mathematics 19ab, 21ab, or a higher number. For students from 19ab or 21ab, previous or concurrent enrollment in Math 101 or 102 or 112 may be helpful. Freshmen who did well in Math 22a, 23a, 25a or 55a fall term are also welcome to take the course.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Mathematics 155R Section: 01

Combinatorics (116196)

Sebastien Vasey

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to counting techniques and other methods in finite mathematics. Possible topics include: the inclusion-exclusion principle and Mobius inversion, graph theory, generating functions, Ramsey's theorem and its variants, probabilistic methods.

Recommended Prep: **Prerequisites: familiarity with proofs. A previous mathematics course at the level of Mathematics 23ab, 25ab, 55ab, 101, 102, or 112 would be enough.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Mathematics 157

Mathematics in the World (159763)

Joseph D. Harris

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An interactive introduction to problem solving with an emphasis on subjects with comprehensive applications. Each class will be focused around a group of questions with a common topic: logic, information, number theory, probability, and algorithms.

Recommended Prep: **Mathematics 19b or 21b or 22a,b or 23a; or an equivalent background in mathematics. More importantly, students should have a broad mathematical curiosity and be eager to brainstorm during in-class problem solving sessions.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Mathematics 212A

Advanced Real Analysis (116137)

Curtis McMullen

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Functional analysis and applications. Topics may include distributions, elliptic regularity, spectral theory,

operator algebras, unitary representations and ergodic theory.

Recommended Prep: **Knowledge of the material in Mathematics 114.**

Requirements: **Prerequisite: Mathematics 114**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science

Mathematics 213A

Advanced Complex Analysis (110880)

Peter Kronheimer

2019 Fall (4 Credits) **Schedule:** WF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Fundamentals of complex analysis, and further topics such as elliptic functions, canonical products, conformal mappings, the zeta function and prime number theorem, and Nevanlinna theory.

Prerequisites: Basic complex analysis, topology of covering spaces, differential forms.

Recommended Prep: **Basic complex analysis, topology of covering spaces, differential forms.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Mathematics 213BR Section: LEC

Riemann Surfaces (111824)

Shing-Tung Yau

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Fundamentals of algebraic curves as complex manifolds of dimension one. Topics may include branched coverings, sheaves and cohomology, potential theory, uniformization and moduli.

Recommended Prep: **Knowledge of the material in Mathematics 213a.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Mathematics 221

Algebra (123232)

Brooke Ullery

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A first course in Algebra: Noetherian rings and modules, Hilbert basis theorem, Cayley-Hamilton theorem, integral dependence, Galois theory, Noether normalization, the Nullstellensatz, localization, primary decomposition. Representation theory of finite groups. Introduction to Lie groups and Lie algebras: definitions, the exponential maps, semi-simple Lie algebras, examples.

Recommended Prep: **Mathematics 123.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Mathematics 222

Lie Groups and Lie Algebras (123238)

Dennis Gaitsgory

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Lie theory, including the classification of semi-simple Lie algebras and/or compact Lie groups and their representations.

Recommended Prep: **Knowledge of the material in Mathematics 114, 123 and 132.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Mathematics 223A Section: LECT

Algebraic Number Theory (123239)

Fabian Gundlach

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A graduate introduction to algebraic number theory. Topics: the structure of ideal class groups, groups of units, a study of zeta functions and L-functions, local fields, Galois cohomology, local class field theory, and local duality.

Recommended Prep: **Knowledge of the material in Mathematics 129.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science

Mathematics 229X Section: LEC

Introduction to Analytic Number Theory (123242)

Noam D. Elkies

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Fundamental methods, results, and problems of analytic number theory. Riemann zeta function and the Prime Number Theorem; Dirichlet's theorem on primes in arithmetic progressions; lower bounds on discriminants from functional equations; sieve methods, analytic estimates on exponential sums, and their applications.

Recommended Prep: **Knowledge of the material in Mathematics 113 and 123.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Mathematics 230A

Differential Geometry (113369)

Sebastien Picard

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Smooth manifolds (vector fields, differential forms, and their algebraic structures; Frobenius theorem), Riemannian geometry (metrics, connections, curvatures, geodesics), Lie groups, principal bundles and associated vector bundles with their connections, curvature and characteristic classes. Other topics if time permits.

Recommended Prep: **Knowlledge of the material in Mathematics 132 and 136.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Mathematics 230BR

Advanced Differential Geometry (115039)

Valentino Tosatti

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

A continuation of Mathematics 230a. Topics in complex differential geometry: Complex Manfifolds. Kahler metrics. Ricci curvature. Calabi Conjecture and its proof. Miyaoka-Yau Chern number inequalities and uniformization. Uniqueness of Kahler structure of projective spaces. Calabi-Yau manifolds and their moduli.

Recommended Prep: **Knowledge of the material in Mathematics 230a.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Mathematics 231A

Algebraic Topology (123243)

Alexander Kupers

2019 Fall (4 Credits) **Schedule:** MF 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Covering spaces and fibrations. Simplicial and CW complexes, Homology and cohomology, universal coefficients and Künneth formulas. Hurewicz theorem. Manifolds and Poincaré duality.

Recommended Prep: **Knowledge of the material in Mathematics 131 and 132.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Mathematics 231BR

Advanced Algebraic Topology (123433)

Eylem Yildiz

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Mathematics 231a. Topics will be chosen from: Cohomology products, homotopy theory, bundles, obstruction theory, characteristic classes, spectral sequences, Postnikov towers, and topological applications.

Recommended Prep: **Knowledge of the material in Mathematics 231a.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

Mathematics 232A

Introduction to Algebraic Geometry I (123441)

Man-Wai Cheung

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to complex algebraic curves, surfaces, and varieties.

Recommended Prep: **Knowledge of the material in Mathematics 123 and 132 and 137.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

Mathematics 232BR

Introduction to Schemes (123444)

Man-Wai Cheung

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to the theory and language of schemes. Textbooks: Algebraic Geometry by Robin Hartshorne and Geometry of Schemes by David Eisenbud and Joe Harris. Weekly homework will constitue an important part of the course.

Recommended Prep: **Knowledge of the material in Mathematics 232a.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Mathematics 243

Evolutionary Dynamics (119511)

Martin Nowak

2020 Spring (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Advanced topics of evolutionary dynamics. Seminars and research projects.

Recommended Prep: **Experience with mathematical biology at the level of Mathematics 153.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Mathematics 257Y

Techniques of Pluricanonical Sections and Jet Differentials of Complex Manifolds (212695)

Yum-Tong Siu

2019 Fall (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A discussion of recent techniques and results and open problems involving holomorphic pluricanonical sections and jet differentials of complex manifolds. Topics: The techniques introduced for the deformational invariance of plurigenera and the solution of a number of conjectures on optimal constants in analysis arising from such techniques. The analytic approach to the finite generation of the canonical ring and the abundance conjecture. The hyperbolicty of a generic high-degree complex hypersurface in a complex projective space and more generally the second main theorem in Nevanlinna theory for an entire holomorphic curve in a complex projective space and its counting function for a smooth complex hypersurface.

Recommended Prep: **Prerequisite for the course is basic knowledge in complex analysis, for example, at the level of Mathematics 213a.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Mathematics 259X

Moduli Spaces in Algebraic Geometry (212692)

Dori Bejleri

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The existence and contruction of moduli spaces parametrizing geometric objects is a central problem in algegraic geometry. We willl study the various tools and techniques used to address this problem, as well as applications. Possible topics include Hilbert schemes, geometric invariant theory, algbraic stacks, and compactifications of moduli spaces of varieties.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Mathematics 261X

Embedded Contact Homology (212867)

Christopher Gerig

2019 Fall (4 Credits) **Schedule:** WF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

ECH is one of the 3 isomorphic Floer homologies which apply to 3-manifolds, (sympletic) 4-manifolds, and relations between them. It is defined by "counting" holomorphic curves and periodic orbits, and a big part of this course will be to study its foundations and difficulties (which plague other contact homologies. Some applications of ECH to be described incllude 1) distinguishing contact 3-manifolds and symplectic 4-manifolds, 2) the Weinstein conjecture on the existence of periodic orbits, and 3) the relations to Seiberg-Witten theory.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Mathematics 262Y

Analytic Methods in Kahler Geometry (212872)

Shing-Tung Yau

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

We will discuss methods from nonlinear analytics to construct metrics and connections on bundles in Kahler and nonlinear geometry.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science

Mathematics 263X

Mirror Symmetry for Toric Varieties and Other GIT Quotients (212881)

Elana Kalashnikov

2020 Spring (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

GIT quotient construction of toric varieties, relation to fan and polytope constructions, divisors, smoothness. Quantum cohomology and the moduli space of stable maps. J functions and Givental's Lagrangian cone. Quantum Lefschetz. The I function and the Hori-Vafa mirror for toric complete intersections. Non toric GIT quotients, especially quiver flag varieties. The Abelian/non-Abelian correspondence. Laurent polynomial mirrors for toric complete intersections and their properties. Mirrors of non-toric Fano varieties and the Fano classification programme.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Mathematics 264X

Algebraic Cobordism (212870)

Elden Elmanto

2020 Spring (4 Credits) **Schedule:** W 0430 PM - 0545 PM
F 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Algebraic cobordism is a cohomology theory for schemes constructed by Vladimir Voevodsky in the context of stable motivic homotopy theory, and greatly expanded by Marc Levine and Fabien Morel. It is, in some sense, simultaneously a generalization of "Fulton-style" intersection theory for Chow groups and a simplification of the latter theory. The course will revolbe around a theorem of Levine and Morel which recovers the Chow groups from algebraic cobordism. To do this, we will explain the notion of an oriented theory in algebraic geometry and prove that algebraic cobordism is the "universal" oriented theory. From there, we will prove the basic theorems (such as localization, homotopy invariance, computation of the coefficient ring and the degree formula) and give a sampler of computations. Further topics will depend on the interests of the participants.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Mathematics 269 Section: 1

Topics in Combinatorics: Schubert Calculus (212690)

Lauren Williams

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will provide an elementary introduction to the combinatorial aspects of Schubert calculus, the part of enumerative geometry dealing with classical varieties such as Grassmanians, flag varieties, and their Schubert varieties. A classical example of a Schubert calculus question is the following: given a generic configuration of four 2-dimensional subspaces in a complex 4-dimensional space, how many 2-dimensional subspaces intersect each of these four in a line? To be able to answer this and related questions, one needs to concretely understand the structure of the cohomology ring of the Grassmanian. In this course we will develop the necessary combinatorial machinery to answer such enumerative questions, including Young tableaux, the Bruhat order, symmetric functions, and Schubert polynomials. More advancd topics may include (time-permitting): quantum cohomology rings, toric Schur functions, real Schubert calculus.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Mathematics 270X

Topology and Condensed Matter Physics (212890)

Michael Hopkins

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will explain the role of algebraic topology in the classification of topological phases of matter. We will cover basic solid state physics, lattice models, topological quantum field theories, reflection positivity, and the classification of invertible topological field theories using homotopy theory.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students

Mathematics 272Y

Rational Lattices and Their Theta Functions (212930)

Noam D. Elkies

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Construction and uses of modular forms from theta functions (with harmonic and periodic weights) attached to rational quadratic forms. Applications include radial and angular distribution of lattice vectors, classification of integral quadratic forms of low rank and discriminant, and connections with error-correcting codes.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Mathematics 274Y

Spectral Theory and Quantum Spin Systems (212868)

Marius Lemm

2020 Spring (4 Credits) **Schedule:** WF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Quantum spin systems lie at the interface of theoretical physics and mathematical spectral theory. They allow us to study true many-body phenomena, like phase transitions, within a solid mathematical framework. In this topics class, we will study the basic notions, main results, and open problems, of quantum spin systems. Two highlights will be the derivation of a spectral gap in the AKLT chain and the proof of spontaneous breaking of SU(2) symmetry in the Heisenberg antiferromagnet by Dyson, Lieb, and Simon. We will mainly use methods from spectral theory and matrix analysis, as well as some representation theory of SU(2).

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Mathematics 281Y

Non-Kahler Calabi-Yau Manifolds (212869)

Sebastien Picard

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This is a topics course on non-Kahler complex geometry, with a focus on non-Kahler Calabi-Yau threefolds. These objects were proposed as heterotic string compactifications by C.Hull and A. Strominger. Some of the mathematical structures which emerge include Hermitian-Yang-Mills connections, special holonomy constraints, Michelsohn's notion of balanced metrics, and Hitchin's generalized complex geometry. We will also discuss analytic methods in this field, as developed by J. Li, J.-X. Fu, and S.T. Yau.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Mathematics 286X

Topics in Number Theory: Arithmetic Statistics (212873)

Fabian Gundlach

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

We will investigate different counting problems in algebraic number theory. For example, how frequent are number fields of a given degree or given Galois group? We will give an overview of different approaches, including techniques from the geometry of numbers and class field theory. Time permitting, related algorithmic problems will be discussed.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students

Mathematics 289

Topics on Knots, 3 and 4-Manifolds (212944)

Eylem Yildiz

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The main goal will be to study smooth 4-manifolds. The plan is to start with knots in 3-manifolds and their interactions with smooth 4-manifold theory. Topics will be chosen from the topology of 4-manifolds via their handlebodies, such as various constructions of 3-and 4-manifolds, by using techniques from gluing, carving, roping, corks, plugs, Gluck construction, and applications of some 4-manifold invariants to these constructions, and state some open problems.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

FAS Course Roll	FAS Course Roll

Mathematics 300

Teaching Undergraduate Mathematics (124821)

Jameel Al-Aidroos

Robin Gottlieb

2019 Fall (4 Credits) **Schedule:** T 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Become an effective instructor. This course focuses on observation, practice, feedback, and reflection providing insight into teaching and learning. Involves iterated videotaped micro-teaching sessions, accompanied by individual consultations. Required of all mathematics graduate students.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Mathematics 304

Topics in Algebraic Topology (121078)

Michael Hopkins

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Mathematics 304

Topics in Algebraic Topology (121078)

Michael Hopkins

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Mathematics 305

Topics in Symplectic Geometry (207522)

Denis Auroux

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science

Mathematics 305

Topics in Symplectic Geometry (207522)

Denis Auroux

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Mathematics 316

Topics in Algebraic Geometry (203255)

Arnav Tripathy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science

FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Mathematics 316

Topics in Algebraic Geometry (203255)

Arnav Tripathy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Mathematics 318

Topics in Number Theory (121353)

Barry Mazur

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Mathematics 318

Topics in Number Theory (121353)

Barry Mazur

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Mathematics 320

Topics in Geometric Representation Theory (205137)

Ana Balibanu

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Mathematics 320

Topics in Geometric Representation Theory (205137)

Ana Balibanu

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Mathematics 321

Topics in Mathematical Physics (118656)

Arthur Jaffe

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Mathematics 321

Topics in Mathematical Physics (118656)

Arthur Jaffe

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Mathematics 327

Topics in Several Complex Variables (113647)

Yum-Tong Siu

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Mathematics 327

Topics in Several Complex Variables (113647)

Yum-Tong Siu

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Mathematics 330

Topics in Algebraic Geometry (213629)

Dori Bejleri

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science

Mathematics 330 Section: 01

Topics in Algebraic Geometry (213628)

Dori Bejleri

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science

Mathematics 332

Topics in Geometry and Topology (205138)

Alexander Kupers

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Mathematics 332

Topics in Geometry and Topology (205138)

Alexander Kupers

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Mathematics 333

Topics in Complex Analysis, Dynamics and Geometry (126825)

Curtis McMullen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Mathematics 333

Topics in Complex Analysis, Dynamics and Geometry (126825)

Curtis McMullen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Mathematics 334

Topics in Algebraic K-Theory (213614)

Elden Elmanto

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Mathematics 334

Topics in Algebraic K-Theory (213615)

Elden Elmanto

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Mathematics 335

Topics in Differential Geometry and Analysis (116319)

Cliff Taubes

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Mathematics 335

Topics in Differential Geometry and Analysis (116319)

Cliff Taubes

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Mathematics 340

Topics in Model Theory (205139)

Sebastien Vasey

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science

Mathematics 340

Topics in Model Theory (205139)

Sebastien Vasey

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Mathematics 345

Topics in Geometry and Topology (113664)

Peter Kronheimer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Mathematics 345

Topics in Geometry and Topology (113664)

Peter Kronheimer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Mathematics 346Y

Topics in Analysis: Quantum Dynamics (121102)

Horng-Tzer Yau

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Mathematics 346Y

Topics in Analysis: Quantum Dynamics (121102)

Horng-Tzer Yau

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Mathematics 352

Topics in Algebraic Number Theory (125869)

Mark Kisin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Mathematics 352

Topics in Algebraic Number Theory (125869)

Mark Kisin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Mathematics 355

Topics in Number Theory (213618)

Fabian Gundlach

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science

Mathematics 355

Topics in Number Theory (213619)

Fabian Gundlach

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science

Mathematics 360

Topics in Algebraic Combinatorics (207538)

Lauren Williams

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Mathematics 360

Topics in Algebraic Combinatorics (207538)

Lauren Williams

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Mathematics 364

Topics in Algebraic Geometry (203316)

Brooke Ullery

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Mathematics 364

Topics in Algebraic Geometry (203316)

Brooke Ullery

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Mathematics 365

Topics in Differential Geometry (114080)

Shing-Tung Yau

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Mathematics 365

Topics in Differential Geometry (114080)

Shing-Tung Yau

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Mathematics 370 Section: 01

Topics in Linear Algebra and Multivariable Calculus; and Their Applications (205357)

Paul Bamberg

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **This course is for graduate students only.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Mathematics 375

Topics in Mathematical Physics: Quantum Mechanics (207539)

Christian Brennecke

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Mathematics 375

Topics in Mathematical Physics: Quantum Mechanics (207539)

Christian Brennecke

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Mathematics 377

Topics in Complex Geometry (207540)

Sebastien Picard

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Mathematics 377

Topics in Complex Geometry (207540)

Sebastien Picard

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Mathematics 380

Topics in Toric Geometry (213616)

Elana Kalashnikov

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Mathematics 380

Topics in Toric Geometry (213617)

Elana Kalashnikov

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science

Mathematics 381

Introduction to Geometric Representation Theory (121082)

Dennis Gaitsgory

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Mathematics 381

Introduction to Geometric Representation Theory (121082)

Dennis Gaitsgory

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Mathematics 382

Topics in Algebraic Geometry (111210)

Joseph D. Harris

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Mathematics 382

Topics in Algebraic Geometry (111210)

Joseph D. Harris

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Mathematics 385

Topics in Set Theory (110218)

W. Hugh Woodin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Mathematics 385

Topics in Set Theory (110218)

W. Hugh Woodin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Mathematics 388

Topics in Mathematics and Biology (118701)

Martin Nowak

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Mathematics 388

Topics in Mathematics and Biology (118701)

Martin Nowak

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Mathematics 389

Topics in Number Theory (119721)

Noam D. Elkies

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Mathematics 389

Topics in Number Theory (119721)

Noam D. Elkies

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Mathematics 390

Topics in analysis and Quantum Physics (207547)

Marius Lemm

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Mathematics 390

Topics in analysis and Quantum Physics (207547)

Marius Lemm

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Mathematics 395

Topics in Cluster Algebra (205141)

Man-Wai Cheung

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Mathematics 395

Topics in Cluster Algebra (205141)

Man-Wai Cheung

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Requirements: **Prerequisite: Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Mathematics 399

Writing and Research (214348)

Mark Kisin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Intended for student research. Permission of advisor required.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Mathematics 399

Writing and Research (214348)

Mark Kisin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Intended for student research. Permission of advisor required.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Medical Sciences

Subject: Medical Sciences

Medical Sciences 210

Intro to Matlab, Statistics, and Dynamical Systems for Mathematical Biology in Pharma and Biotech (205991)

Catherine Dubreuil

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 24

This course provides an introduction to the use of mathematical modeling, continuous differential equations, statistics and analysis and programming in Matlab with a focus on mathematical biology applications in pharmaceutical and biotechnology industries. Biological topics will include dynamic systems math modeling and statistical analysis applied to the drug discovery and development pipeline. Computational tools, model simulations, and statistical analyses will be executed in MATLAB. MATLAB code will be covered in class.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students

Medical Sciences 250AB

Human Functional Anatomy (120066)

Lee Gehrke

Trudy Van Houten

Breda Zimkus

Mohini Lutchman

Sabine Hildebrandt

2019 Fall (4 Credits) **Schedule:** MWF 0130 PM - 0559 PM

Instructor Permissions: Instructor **Enrollment Cap:** 48

Lectures, detailed laboratory dissections, and prosections provide a thorough exploration of the gross structure and function of the human body. Fundamental principles of embryology and bioengineering promote analytical approaches to understanding the body's design.

Course Notes: **Open to qualified graduate students with permission of the course director. The course has a minimum enrollment of 30. This course requires rental of a locker for a fee. Offered jointly with the Medical School as HT010.**

Class Notes: **Lectures will be held in the Armenise Amphitheater. This course runs from September 4 through December 13, 2019.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Medical Sciences 300QC

Conduct of Science (127507)

Jeantine Lunshof
Emanuela Gussoni
Jessica Lehoczky
Jaya Rajaiya
Kristin White
Stephan Kissler
Ihn Seong
Martin Dorf
Stephen Lory
Johannes Walter
Alejandro Gutierrez
Rani George
Aleksandar Kostic
Andrew Lassar
Ronald Heustis
George Church
Louis Guenin
Neena Haider

2019 Fall (2 Credits) **Schedule:** R 0300 PM - 0459 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course is a required course for all DMS students and all who receive support from NIH training grants. The goal of this course is to inform students about the appropriate conduct of research and the many ethical and social problems that they may encounter during their research career in graduate school. The course consists of three lectures for the entire class and five highly interactive sessions with a small group of fellow students moderated by a faculty member. Some of the issues that will be discussed in this course include appropriate methods of collecting laboratory data, interactions with members of the laboratory and the mentor and issues dealing with research misconduct.

Course Notes: **All current G2 students must register for this course on their Fall Semester 2019 study cards. Specific enrollment instructions will be sent to current G2s and other eligible students in the upcoming weeks. Please contact Fola Fasawe, fola@hms.harvard.edu for enrollment inquiries.Restricted to GSAS graduate students on the Longwood campus.**

Class Notes: **Classes will begin on September 12, 2019, and will be held in Armenise Amphitheater. The dates and topics for the three lectures are Research**

Integrity (September 12), Implicit Bias (October 24), Managing Conflicts (November 21).

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Medical Sciences 302QC

Conduct of Science Refresher (109073)

Anne Nicholson-Weller

Louis Guenin

Kenneth Kaye

Paul Rosenberg

Kristin White

2019 Fall (2 Credits) **Schedule:** R 0330 PM - 0459 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course is a required course for all DMS students and all who receive support from NIH training grants. The goal of this course is to inform students about the appropriate conduct of research and the many ethical and social problems that they may encounter during their research career in graduate school. The course consists of three lectures for the entire class and five highly interactive sessions with a small group of fellow students moderated by a faculty member. Some of the issues that will be discussed in this course include appropriate methods of collecting laboratory data, interactions with members of the laboratory and the mentor and issues dealing with research misconduct. All current G5 students must register for this course on their Fall Semester 2019 study cards. G5 students are required to attend at least two out of the three didactic sessions. Specific enrollment instructions will be sent to current G5s and other eligible students in the upcoming weeks. Please contact Fola Fasawe, fola@hms.harvard.edu for enrollment inquiries. Restricted to GSAS graduate students on the Longwood campus.

Class Notes: **Classes will begin on September 12, 2019, and will be held in Armenise Amphitheater. The dates and topics for the three lectures are Research Integrity (September 12), Implicit Bias (October 24), Managing Conflicts (November 21).**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Medical Sciences 303

Cancer Genomics (109421)

Rameen Beroukhim

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Medical Sciences 303

Cancer Genomics (109421)

Rameen Beroukhim

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Medical Sciences 304

Methods in Single-Cell RNA-seq Analysis (156846)

Peter Kharchenko

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Medical Sciences 304

Methods in Single-Cell RNA-seq Analysis (156846)

Peter Kharchenko

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Medical Sciences 310

Advanced Topics in Medical Sciences (125411)

Rosalind Segal

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A series of reading and discussion seminars, each running for a half term (seven weeks). Different topics are covered each term.

Course Notes: **Two seminars, which can be taken in different terms, are required for credit. Non-DMS students must get permission from the Division of Medical Sciences before registering for this course. Please contact us at 432-0162 or visit the DMS Office at T-MEC 435, 260 Longwood Avenue, Boston.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Medical Sciences 310

Advanced Topics in Medical Sciences (125411)

Rosalind Segal

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A series of reading and discussion seminars, each running for a half term (seven weeks). Different topics are covered each term.

Course Notes: **Two seminars, which can be taken in different terms, are required for credit. Non-DMS students must get permission from the Division of Medical Sciences before registering for this course. Please contact us at 432-0162 or visit the DMS Office at T-MEC 435, 260 Longwood Avenue, Boston.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Medical Sciences 312QC

Graduate TA Training in the Biomedical Sciences (207116)

Bradley Coleman

Taralyn Tan

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 50

MED-SCI 312QC is designed to be an 'on the ground' training for Longwood-based teaching assistants. The course instructs graduate student teaching assistants in the pedagogy and course management skills required to be an effective TA. The course begins with three two-hour class sessions that focus on the basics of evidence-based teaching practice and practical strategies for working with students. As the semester progresses, students use their work as TAs as the basis for continued instruction and reflection on teaching best practices and the challenges of their application in real-world settings.

Course Notes: **Open to any HILS graduate student serving as a Teaching Assistant, pending approval of the Curriculum Fellow working in their course (or by special arrangement approved by the Director of the Curriculum Fellows Program). All students interested in registering for MED-SCI 312QC should also register for the Graduate TA Training in the Biomedical Sciences nanocourse. Any interested student may attend the first three sessions of MED-SCI 312QC and receive nanocourse credit, regardless of whether they are a current TA.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Medical Sciences 312QC

Graduate TA Training in the Biomedical Sciences (207116)

Bradley Coleman

Taralyn Tan

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 50

MED-SCI 312QC is designed to be an 'on the ground' training for Longwood-based teaching assistants. The course instructs graduate student teaching assistants in the pedagogy and course management skills required to be an effective TA. The course begins with three two-hour class sessions that focus on the basics of evidence-based teaching practice and practical strategies for working with students. As the semester progresses, students use their work as TAs as the basis for continued instruction and reflection on teaching best practices and the challenges of their application in real-world settings.

Course Notes: **Open to any HILS graduate student serving as a Teaching Assistant in**

the Fall semester, pending approval of the Curriculum Fellow working in their course (or by special arrangement approved by the Director of the Curriculum Fellows Program). All students interested in registering for MED-SCI 312QC should also register for the Graduate TA Training in the Biomedical Science nanocourse. Any interested student may attend the first three sessions of MED-SCI 312QC and receive nanocourse credit, regardless of whether they are a current TA.

Class Notes: **The initial three course meetings will be held from 4:00pm - 6:00pm on Wed, Aug 28, Thu, Sept 5, and Tue, Sept 10. Register for the nanocourse here.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Medical Sciences 315

Using RNA sequencing to improve the diagnosis of rare disease patients (160950)

Daniel MacArthur

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Medical Sciences 315

Using RNA sequencing to improve the diagnosis of rare disease patients (160950)

Daniel MacArthur

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Medical Sciences 316QC

PhD Pathfinder (161280)

Joseph Arboleda-Velasquez

2019 Fall (2 Credits) **Schedule:** MTWRF 0500 PM - 0659 PM

Instructor Permissions: Instructor **Enrollment Cap:** 50

In this course, Ph.D. Pathfinder, students will learn about the many career paths available to people with advanced degrees in biomedical research including academia, biotech, patent law, science writing/publishing, consulting/business, education, and science policy/regulation.
A Ph.D. education provides students with fundamental knowledge about the principles and practice of the scientific method and promotes development of problem-solving skills in ways that are quite useful for many different professions. Students will have the opportunity to learn from experienced professionals representing each of these paths, to learn about strategies for career development, curriculum enrichment, and networking opportunities that will make them competitive for their career of choice.
The course is open to all Ph.D. students interested in learning about the range of career options available to biomedical Ph.Ds. The course includes talks, didactic sessions, workshops and networking events to promote interactions between students and invited speakers. There will be a special emphasis on helping students with their own skill self-assessment to assist in career and professional development. After each session there will be a small networking reception for both the students and lecturers.
The last session of this course will be the launch for the new DMS Paths Certificate Program. DMS students who have successfully completed the pilot program will present their Capstone presentations.

Course Notes: **Course runs from October 21 through October 25. Students are required to attend all five sessions. Monday's session will run from 5: 30PM-7:30PM.**

Class Notes: **Correction: Monday's session is also scheduled from 5:00pm - 7:00pm.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Medical Sciences 317

Dev & app of genomic technologies and next-generation sequencing for analyzing cancer mutations (161308)

Gad Getz

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Medical Sciences 317

Dev & app of genomic technologies and next-generation sequencing for analyzing cancer mutations (161308)

Gad Getz

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Medical Sciences 318

Clinical computational oncology for precision cancer medicine (203015)

Eliezer Van Allen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Medical Sciences 318

Clinical computational oncology for precision cancer medicine (203015)

Eliezer Van Allen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Medical Sciences 325

Internships (203031)

Rosalind Segal

Catherine Dubreuil

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Internships are considered an integral part of a student's educational experience and should be viewed as a path toward a student's career development. As such, approved internships can receive academic credit via this course number.

Course Notes: **Ordinarily, each student will be limited to one internship during his/her PhD career. The internship must be discussed with the PI and DAC committee (or, program advisor, where applicable) prior to approval. Not all students may be eligible for internships, due to program requirements, academic standing or advisor input.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Medical Sciences 325

Internships (203031)

David Golan

Catherine Dubreuil

Rosalind Segal

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Internships are considered an integral part of a student's educational experience and should be viewed as a path toward a student's career development. As such, approved internships can receive academic credit via this course number.

Course Notes: **Ordinarily, each student will be limited to one internship during his/her PhD career. The internship must be discussed with the PI and DAC committee (or, program advisor, where applicable) prior to approval. Not all students may be eligible for internships, due to program requirements, academic standing or advisor input.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Medical Sciences 350C

DMS TIME:Course Related Work (208153)

Rosalind Segal

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Students may register for TIME-C when independent work is being undertaken that is not specifically indicated in a numbered course.

Course Notes: **Units of TIME may not be used to fulfill the residence requirement for the AM degree**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Medical Sciences 350C

DMS TIME:Course Related Work (208153)

Rosalind Segal

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Students may register for TIME-C when independent work is being undertaken that is not specifically indicated in a numbered course.

Course Notes: **Units of TIME may not be used to fulfill the residence requirement for the AM degree**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Medical Sciences 350R

DMS TIME:Research Related Work (208155)

Rosalind Segal

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

TIME-R may be used to indicate that research work is being undertaken that is not directly related to the student's dissertation work(i.e., additional laboratory research for a faculty member)

Course Notes: **Units of TIME may not be used to fulfill the residence requirement for the AM degree**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Medical Sciences 350R

DMS TIME:Research Related Work (208155)

Rosalind Segal

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

TIME-R may be used to indicate that research work is being undertaken that is not directly related to the student's dissertation work(i.e., additional laboratory research for a faculty member)

Course Notes: **Units of TIME may not be used to fulfill the residence requirement for the AM degree**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Medical Sciences 350T

DMS TIME: Teaching Fellow Related (208163)

Rosalind Segal

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

TIME-T may be used to indicate that a student has received a teaching appointment and is engaged in teaching a course.

Course Notes: **Units of TIME may not be used to fulfill the residence requirement for the AM degree**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Medical Sciences 350T

DMS TIME: Teaching Fellow Related (208163)

Rosalind Segal

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

TIME-T may be used to indicate that a student has received a teaching appointment and is engaged in teaching a course.

Course Notes: **Units of TIME may not be used to fulfill the residence requirement for the AM degree**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Medical Sciences 399

Topics in Medical Sciences (112755)

Rosalind Segal

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Subject selected by students and faculty member.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Medical Sciences 399

Topics in Medical Sciences (112755)

Rosalind Segal

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Subject selected by students and faculty member.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Subject: Neurobiology - Graduate

Neurobiology - Graduate 209

The Neurobiology of Disease (116455)

Edward Kravitz

Patricia Musolino

Beth Stevens

2020 Spring (4 Credits)

Schedule: W 0700 PM - 0930 PM
M 0600 PM - 0830 PM

Instructor Permissions: Instructor

Enrollment Cap: 25

This highly rated course covers a major disease or disorder of the nervous system each week, including Alzheimer's, Huntington's and Parkinson's Diseases, Mood and Autism Spectrum disorder and others. The course is taught at the Harvard Medical School on Monday (6-8:30 PM) and Wednesday (7-9:30 PM) evenings. The Monday sessions involve patient presentations and "core" lectures describing clinical progression, pathology, and basic science underlying a major disease or disorder. On Wednesdays, students present material from original literature sources, and there is general discussion.

Course Notes: **Given in alternate years. Offered jointly with the Medical School as NB 713.0. For advanced undergraduate, graduate students, MD and MD/PhD students.**

Class Notes: **First class meeting will be held on Mon, Jan 27, in TMEC 250. Enrollment limit has been increased to 40.**

Recommended Prep: **Introductory neurobiology, biochemistry, and genetics/molecular biology recommended.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 215A

The Discipline of Neuroscience (205295)

Lisa Goodrich

Wade Regehr

Michael Do

David Corey

Joshua Kaplan

Bernardo Sabatini

Pascal Kaeser

John Assad

Gary Yellen

Bruce Bean

Thomas Schwarz

Sandeep Datta

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1159 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course will endow students with the broad conceptual fluency in the discipline of neuroscience required to relate genes to circuit function, metabolism to neurological disease, and cell biology to neural computations. Through a combination of lectures and in-class activities, students will learn to design, quantitatively analyze, and interpret experiments that address a variety of questions spanning molecular to systems neuroscience. During the first semester, students will think critically about the fundamental units of the nervous system within the context of cellular function, electrical conduction, and chemical signaling. The second half of the course builds upon this foundation to focus on broadly defined "networks of neural function" as related to coordinated neural activity, the concerted execution of genetic programs, and anatomically defined structural networks. The course culminates with students writing a grant proposal in the style of the NIH NRSA.

Part one of a two part series. The curriculum for this course builds throughout the academic year. Students are strongly encouraged to enroll in both the fall and spring course within the same academic year.

Course Notes: **Please note that Program in Neuroscience (PiN) students must take both semesters to fulfill the requirement. Non-PiN students may enroll in just the fall semester with the instructor's approval**

Class Notes: **Classes will be held in WAB 236 from September 3 through December 12, 2019.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None
Full Year Course	Divisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 215B

The Discipline of Neuroscience (207100)

Lisa Goodrich

Jan Drugowitsch

Christopher Harvey

Mark Andermann

Beth Stevens

Daniel Polley

Rosalind Segal

John Assad

Taralyn Tan

Sandeep Datta

Michael Do

David Corey

Rachel Wilson

Richard Born

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1159 AM

Instructor Permissions: Instructor **Enrollment Cap:** 25

This course will endow students with the broad conceptual fluency in the discipline of neuroscience required to relate genes to circuit function, metabolism to neurological disease, and cell biology to neural computations. Through a combination of lectures and in-class activities, students will learn to design, quantitatively analyze, and interpret experiments that address a variety of questions spanning molecular to systems neuroscience. During the first semester, students will think critically about the fundamental units of the nervous system within the context of cellular function, electrical conduction, and chemical signaling. The second half of the course builds upon this foundation to focus on broadly defined "networks of neural function" as related to coordinated neural activity, the concerted execution of genetic programs, and anatomically defined structural networks. The course culminates with students writing a grant proposal in the style of the NIH NRSA.

Course Notes: **Please note that Program in Neuroscience (PiN) students must take both semesters to fulfill the requirement. Non-PiN students may enroll in just the fall semester with the instructor's approval.**

Class Notes: **Classes will meet Jan 28 - May 7. First class will be held in Warrren Alpert Building 236.**

Recommended Prep: **Students must successfully complete first semester of course (NEUROBIO 215A).**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Neurobiology - Graduate 230

Visual Recognition: Computational and biophysical perspective (107755)

Gabriel Kreiman

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 50

How does cerebral cortex store information, compute and learn? How can we build prosthetic devices to fix or augment brain function? How can we build biologically inspired artificial intelligence? This course will examine these questions in the context of visual cognition. Topics: architecture of visual cortex, neurophysiology, visual consciousness, computational neuroscience, models of pattern recognition and computer vision, artificial intelligence, brain-machine interfaces.

Course Notes: **Course website: http://klab.tch.harvard.edu/academia/classes/hms_neuro300_vision/hms_neuro300_vision.**

html
Neurobiology 230, Visual Recognition, brain-machine interfaces and artificial intelligence

Neuro 230 cannot be taken if Neuro 130 has been taken. Neuro 230 cannot be taken concurrently with Neuro 130.

Class Notes: **Course will be held in Biolabs 2062.**

Recommended Prep: **Life Sciences 1a (or Life and Physical Sciences A) and Life Sciences 1b (or equivalent). Recommended: Math (Maa/Mab, Math 1A,1B, Math 19 a or equivalent). Physical Sciences 1. MCB 80.**

This course will be held in Biolabs 2062.

Requirements: **Anti-Req: Cannot be taken for credit if NEURO 130 already complete.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 240

Biological and Artificial Intelligence (213361)

Gabriel Kreiman

2020 Spring (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course provides a foundational overview of the fundamental ideas in computational neuroscience and the study of Biological Intelligence. At the same time, the course will connect the study of brains to the blossoming and rapid development of ideas in Artificial Intelligence. Topics covered include the biophysics of computation, neural networks, machine learning, Bayesian models, theory of learning, deep convolutional networks, generative adversarial networks, neural coding, control and dynamics of neural activity, applications to brain-machine interfaces, connectomics, among others.

Course Notes: **Jointly offered with the Faculty of Arts & Sciences as NEURO 140.**

Recommended Prep: **Basic knowledge of multivariate calculus, differential equations, linear algebra, elementary probability theory, basic computer programming skills**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 300

Advanced Topics in Neurobiology (117896)

Rosalind Segal

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Topics cover areas at the molecular, cellular, and systems levels in both basic and clinical neuroscience. A series of reading and discussion seminars, each running for a half term (seven weeks).

Course Notes: **Two seminars, which can be taken in different terms, are required for credit. Non-DMS students must get permission from the Division of Medical Sciences before registering for this course. Please contact us at 617-432-0162 or visit the DMS Office at T-MEC 435, 260 Longwood Avenue, Boston.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 300

Advanced Topics in Neurobiology (117896)

Rosalind Segal

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Topics cover areas at the molecular, cellular, and systems levels in both basic and clinical neuroscience. A series of reading and discussion seminars, each running for a half term (seven weeks).

Course Notes: **Two seminars, which can be taken in different terms, are required for credit. Non-DMS students must get permission from the Division of Medical Sciences before registering for this course. Please contact us at 617-432-0162 or visit the DMS Office at T-MEC 435, 260 Longwood Avenue, Boston.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Neurobiology - Graduate 300QC

Advanced Topics in Neurobiology (127509)

Rosalind Segal

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A series of reading and discussion seminars, each running for a half term (7 weeks).

Course Notes: **Non-DMS students must get permission from the Division of Medical Sciences before registering for this course. Please contact us at 617-432-0162 or visit the DMS Office at T-MEC 435, 260 Longwood Avenue, Boston.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 300QC

Advanced Topics in Neurobiology (127509)

Rosalind Segal

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A series of reading and discussion seminars, each running for a half term (7 weeks).

Course Notes: **Non-DMS students must get permission from the Division of Medical Sciences before registering for this course. Please contact us at 617-432-0162 or visit the DMS Office at T-MEC 435, 260 Longwood Avenue, Boston.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 301

Visual Object Recognition: Computational Models and Neurophysiological Mechanisms (125275)

Gabriel Kreiman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 301

Visual Object Recognition: Computational Models and Neurophysiological Mechanisms (125275)

Gabriel Kreiman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 302

Attention and Representation of Sensory Information in Cerebral Cortex (122756)

John Maunsell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 302

Attention and Representation of Sensory Information in Cerebral Cortex (122756)

John Maunsell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 303

Development, Function, and Disease State of the Inner Ear (121803)

Zheng-Yi Chen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 303

Development, Function, and Disease State of the Inner Ear (121803)

Zheng-Yi Chen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 304

Behavioral Genetic Studies of Aggression in Drosophila (116240)

Edward Kravitz

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Neurobiology - Graduate 304

Behavioral Genetic Studies of Aggression in Drosophila (116240)

Edward Kravitz

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 305

Cellular and Molecular Mechanisms of Epilepsy, Autism, and Postnatal Circuit Development (125532)

Matthew Anderson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 305

Cellular and Molecular Mechanisms of Epilepsy, Autism, and Postnatal Circuit Development (125532)

Matthew Anderson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Neurobiology - Graduate 306

Mechanisms of neuro-vascular interactions in the central nervous system (121804)

Chenghua Gu

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 306

Mechanisms of neuro-vascular interactions in the central nervous system (121804)

Chenghua Gu

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Neurobiology - Graduate 306QC

Quantitative Methods for Biologists (107877)

Michael Springer

Richard Born

2019 Fall (2 Credits) **Schedule:** MTWRF -

Instructor Permissions: Instructor **Enrollment Cap:** 80

The goal of this camp is to introduce you to programming in the MATLAB environment and to show you the power this provides for analyzing data and for gaining intuition about the behavior of complex systems through the use of numerical simulations. Some of you, upon encountering in the previous sentence words like "programming" and "numerical simulations," will feel the cold hand of fear grip your stomach, because you have never done any programming and, in fact, have tried to avoid math as much as possible. If so, YOU ARE PRECISELY THE PERSON WE HAD IN MIND as we were planning the course. We are aiming to help you break through this barrier of darkness and fear into the radiant sunshine of quantitative enlightenment. The true beauty of MATLAB, as we will personally demonstrate, is that it allows people who are not mathematically adept (e.g. some of the instructors of this course) to use powerful numerical methods and visualization tools to gain an understanding of concepts that are very difficult to grasp

analytically.

Course Notes: **This bootcamp course will meet in August from 8/12/19 - 8/23/19. Sign up through this link https://hms.az1.qualtrics.com/jfe/form/SV_0dFOquuXr40PjdH. Please put this course on your fall term study card if you wish to receive credit for it. Contact Jennie Epp, Jennie_Epp@hms.harvard.edu, with enquiries.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Neurobiology - Graduate 307

Architecture and plasticity of neurotransmitter release sites (108356)

Pascal Kaeser

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 307

Architecture and plasticity of neurotransmitter release sites (108356)

Pascal Kaeser

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 308

Molecular Mechanisms of Catecholaminergic-specific Gene Regulation (112848)

Kwang-Soo Kim

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 308

Molecular Mechanisms of Catecholaminergic-specific Gene Regulation (112848)

Kwang-Soo Kim

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 308QC

Thinking about data: probability and statistics for the life sciences (205051)

Richard Born

Brian Healy

2019 Fall (2 Credits) **Schedule:** W 0500 PM - 0659 PM

Instructor Permissions: Instructor **Enrollment Cap:** 40

Probability & statistics taught with an emphasis on using simulations and re-sampling methods to both analyze data and understand core statistical concepts. Prior to class, students will view online lectures from Dr. Brian Healy's biostatistics course. In class, we will focus on MATLAB coding exercises to practice different approaches to analyzing real data sets, with an emphasis on resampling methods.

Course Notes: **This course will use a flipped design in which students will view video lectures from Dr. Brian Healy's Biostatistics Certificate Course (offered through Catalyst) prior to in-class programming exercises.**

Class Notes: **Course will start on September 4, 2019 and run through October 23, 2019. Classes will be held in TMEC 128.**

Recommended Prep: **Students are required to take Neurobiology 306QC as a pre-requisite for this course.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Neurobiology - Graduate 309

Neural Circuitry in Schizophrenia (115974)

Francine Benes

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 309

Neural Circuitry in Schizophrenia (115974)

Francine Benes

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 309QC

The Molecular Pathology and Current Therapies for Retinal Diseases (109255)

Dong Chen
Petr Baranov
Corinna Bauer
Kin-Sang Cho
Tatjana Jakobs
Lotfi Merabet

Daniel Sun

Joseph Ciolino

Shelley Fried

2019 Fall (2 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Retinal diseases are major causes of irreversible blindness. A surge of progress resulting from studies in the disease mechanisms and the development of new imaging technology have led to a huge step forward in the therapies for diagnosing and treating retinal diseases and preventing blindness. This course will offer students an in-depth examination of current knowledge regarding retinal diseases, molecular pathology, and therapy, with an emphasis on recent breakthroughs and discussion of key studies in the field. The class consists of lectures and group discussions that focus on seminal papers selected from both the basic science and clinical ophthalmology, which will serve as a basis for teaching students basic concepts of ophthalmology and becoming familiar with animal models of retinal diseases. Each session will review the landmark publications on a particular topic or disease. As the retina has long served a standard model for studying the CNS, the class will foster discussion on the implications of these studies in other disease mechanisms and therapy.

Course Notes: **Offered in alternate years.**

Class Notes: **Course will be held in 2nd floor conference room, Schepens Eye Research Insitute. Classes will start on September 9 and run through December 2, 2019.**

Recommended Prep: **Basic anatomy of the eye**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Neurobiology - Graduate 310

Neural Coding of Chemosensory Stimuli (120846)

Rachel Wilson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Neurobiology - Graduate 310

Neural Coding of Chemosensory Stimuli (120846)

Rachel Wilson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Neurobiology - Graduate 310L

Cortical excitation: inhibition balance in health and disease (215776)

Alexander Rotenberg

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Neurobiology - Graduate 311

Cellular and Molecular Studies of Synapse Formation in the Vertebrate Nervous System (121007)

Joshua Sanes

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Neurobiology - Graduate 311

Cellular and Molecular Studies of Synapse Formation in the Vertebrate Nervous System (121007)

Joshua Sanes

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Neurobiology - Graduate 311QC

Eye, Brain & Vision: Classics in Visual Neuroscience (213233)

Richard Born

Jan Drugowitsch

Talia Konkle

Mark Andermann

Michael Do

Margaret Livingstone

Joshua Sanes

Chinfei Chen

2019 Fall (2 Credits) **Schedule:** W 0500 PM - 0659 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course is designed to meet two needs in the visual neuroscience community at Harvard. The first is a necessary didactic component to our training grant from the National Eye Institute ("Research Training in Visual Neuroscience"); the second is for our students to read primary literature that is of foundational importance for our current understanding of the visual system. Thus the course will consist of weekly two-hour meetings during which students engage in intense discussions with training grant faculty centering on papers that the faculty have deemed "classics" in their respective fields.

Class Notes: **Classes run from 10/30/2019 through 12/18/2019, and will be held in Goldenson 229.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 312

The Study of Synaptic Competition by Visualizing Synaptic Rearrangements Directly in Living Animals (121008)

Jeff W. Lichtman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 312

The Study of Synaptic Competition by Visualizing Synaptic Rearrangements Directly in Living Animals (121008)

Jeff W. Lichtman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 313

Molecular Biology of Mammalian Circadian Clocks (110982)

Charles Weitz

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Neurobiology - Graduate 313

Molecular Biology of Mammalian Circadian Clocks (110982)

Charles Weitz

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Neurobiology - Graduate 313QC

Cortical Neurodevelopment and Disease (214583)

Corey Harwell

Gordon Fishell

2020 Spring (2 Credits) **Schedule:** WF 0300 PM - 0430 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course considers the production and assembly of the diverse circuits of the cerebral cortex. Topics include: neurogenesis, cell lineage and fate determination, neuronal migration, axon guidance, synapse formation and stabilization, and the human neurodevelopmental disorders that arise when these processes are disrupted.

Class Notes: **Classes will be held Feb 5 - Mar 27, in Armenise 330. (No classes weeks of Feb 17 and Mar 16.)**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 314

Cellular Mechanism(s) of Axon Guidance (125276)

Mustafa Sahin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 314

Cellular Mechanism(s) of Axon Guidance (125276)

Mustafa Sahin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 314QC

Mathematical Tools for Neuroscience (214612)

John Assad

Lucy Lai

Alex Chen

2020 Spring (2 Credits) **Schedule:** MWF 0930 AM - 1129 AM

Instructor Permissions: Instructor **Enrollment Cap:** 25

Numerical data analysis has become a nearly indispensable tool in modern neuroscience. This course aims to equip graduate students with the fundamental mathematical skills in quantitative modeling and data analysis necessary for neuroscience research. The course is aimed at first- or second-year students in the Neuroscience PhD program, and is open to other graduate students in the biosciences. This pilot course serves as a crash course to the basics of linear algebra, differential equations, and basic probability and statistics from a mathematical perspective. Each mathematical concept will be illustrated via applications to neural datasets.

Our goal is to make this fun, approachable, and applicable. We would like to build *mathematical intuition* for these essential topics. You will not need any math experience beyond high school calculus. Some amount of coding is necessary for this class; if you are rusty, this will be a chance to brush up your Matlab skills.

Course Notes: **January intensive.**

Class Notes: **Classes will be held in Goldenson 122 from Jan 6 - 31.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 315

Molecular mechanisms of Proliferation and Survival in Neural development (110615)

Rosalind Segal

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 315

Molecular mechanisms of Proliferation and Survival in Neural development (110615)

Rosalind Segal

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 315QC

Human Neuroanatomy and Neuropathology (205296)

Matthew Frosch

Jean Augustinack

2019 Fall (2 Credits) **Schedule:** MWF 0830 AM - 1159 AM

Instructor Permissions: Instructor **Enrollment Cap:** 20

This course will cover human neuroanatomy in depth, with an emphasis on the functional implications of structure and medical implications of lesions. Teaching occurs through lectures, small group sessions, brain dissection and homework assignments.

Course Notes: **Restricted to Graduate Students only. This course is offered as part of NB200/HT130. Students may not co-register for both courses.**

Class Notes: **Course will begin on September 23, 2019 and run through November 1, 2019. Classes will be held in TMEC 209 (and HST lab areas).**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 316

The Development, Organization, and Functions of Sensory Neurons that Mediate Touch (110230)

David Ginty

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 316

The Development, Organization, and Functions of Sensory Neurons that Mediate Touch (110230)

David Ginty

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Neurobiology - Graduate 316QC

Probabilistic models for neural data: from single neurons to population dynamics (214540)

Jan Drugowitsch

2020 Spring (2 Credits) **Schedule:** W 0500 PM - 0659 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Probabilistic models are a powerful approach for gaining an understanding of what drives the activity of individual neurons and neural populations. This course will dissect their modular, plug-and-play structure, from single-neuron models over generalized linear models to state space models for population dynamics. Students will learn their basic building blocks, and how to flexibly assemble them to suit their own data analysis needs.

Upon completion of the course, students should be able to (i) identify the model structure and associated assumptions of common models in the literature; (ii) apply existing probabilistic models to neural datasets; and (iii) flexibly design new models by re-using existing model components.

Class Notes: **Classes will be held Jan 29 - Mar 25, in Goldenson 318.**

Recommended Prep: **The course has no hard prerequisites, but students are expected to have some understanding of linear algebra, calculus, and (Bayesian) probability theory. Furthermore, they should be comfortable with Python, which will be used for exercises.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Neurobiology - Graduate 317

Development and organization of neural circuits underlying hearing and vision (118840)

Lisa Goodrich

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Neurobiology - Graduate 317

Development and organization of neural circuits underlying hearing and vision (118840)

Lisa Goodrich

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Neurobiology - Graduate 317L

Identification of pre-markers of developmental dyslexia (DD) in the pre-reading and infant brain and (110232)

Nadine Gaab

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 317L

Identification of pre-markers of developmental dyslexia (DD) in the pre-reading and infant brain and (110232)

Nadine Gaab

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Neurobiology - Graduate 317QC

Comparative Neuroanatomy (207086)

Wei-Chung Lee

Taralyn Tan

2020 Spring (2 Credits) **Schedule:** TR 0330 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 25

Neuroscientists employ diverse model systems and experimental approaches to study nervous system structure and function. Through a combination of lectures, hands-on activities and paper discussions, this quarter course will introduce students to principles of nervous system organization and will provide a conceptual understanding of the spatial and functional relationships among components of the nervous system. Modern experimental methods and online resources to study neural circuit structure and function across model organisms will also be highlighted.

Class Notes: **Classes will be held in TMEC 332, Feb 18 - Apr 9.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 318

Molecular Genetics of Cerebral Cortical Development (123216)

Christopher Walsh

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 318

Molecular Genetics of Cerebral Cortical Development (123216)

Christopher Walsh

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Neurobiology - Graduate 318L

Neurobiology of motivational states (156718)

Michael Crickmore

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 318L

Neurobiology of motivational states (156718)

Michael Crickmore

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Neurobiology - Graduate 319

Neurological Control of Cell Growth and Differentiation (112119)

Michael Greenberg

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 319

Neurological Control of Cell Growth and Differentiation (112119)

Michael Greenberg

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Neurobiology - Graduate 319L

Characterizing the Molecular, Neural Circuit & Ecologcl Underpin. of Behavr'l Diver in the Fruit Fly (110233)

Benjamin de Bivort

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 319L

Characterizing the Molecular, Neural Circuit & Ecologcl Underpin. of Behavr'l Diver in the Fruit Fly (110233)

Benjamin de Bivort

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Neurobiology - Graduate 319QC

Neurobiology of Psychiatric Disease: From Bench to Bedside (205053)

William Carlezon

Kerry Ressler

2019 Fall (2 Credits) **Schedule:** T 0100 PM - 0259 PM

Instructor Permissions: None **Enrollment Cap:** n/a

To provide clinical insight and critical analysis of basic and translational science approaches necessary for students to approach psychiatric disorders as scientific problems, and thus contribute future research work with clinical relevance. Each pair of lectures presents 1) basic neuroscience approaches to the neural circuitry, cell and molecular biology underlying disease, followed by 2) clinical neuroscience, genetics, neuroimaging, etc., including case studies of the disorders.

The lectures will focus on a range of psychiatric disorders, neural systems underlying behavior, and translational approaches to novel interventions, while providing insight on disease characteristics, current, novel and translationally-informed treatments, gene vs. environmental risk factors, animal models, and gaps in knowledge across the field. There will also be laboratory-based sessions (organized visits to McLean Hospital) to demonstrate examples of basic and human laboratory approaches to the study and

treatment of psychiatric illness.

Class Notes: **Course will begin on September 10, 2019 and will run through October 15, 2019. Course will be held in Goldenson 229, and two Thursday sessions will run from 1:00PM - 4:00PM.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 320

Neuroprotection and Neuronal Repair in Neurodegenerative Disease (114243)

Ole Isacson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 320

Neuroprotection and Neuronal Repair in Neurodegenerative Disease (114243)

Ole Isacson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Neurobiology - Graduate 320L

Neural Circuits Underlying Cognitive Behaviors in Mice (109095)

Christopher Harvey

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 320L

Neural Circuits Underlying Cognitive Behaviors in Mice (109095)

Christopher Harvey

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 321

Visual Perception, Object Recognition, Higher Cognitive Functions, Vision and Art (115924)

Margaret Livingstone

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 321

Visual Perception, Object Recognition, Higher Cognitive Functions, Vision and Art (115924)

Margaret Livingstone

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 321L

Multi-Modal, Multiscalar Studies of Human Neurophysiology from Single Neurons to Neuronal Ensembles (109096)

Sydney Cash

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 321L

Multi-Modal, Multiscalar Studies of Human Neurophysiology from Single Neurons to Neuronal Ensembles (109096)

Sydney Cash

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 322

Cellular and Molecular Mechanisms in Axon Guidance and Regeneration (114637)

Zhigang He

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Neurobiology - Graduate 322

Cellular and Molecular Mechanisms in Axon Guidance and Regeneration (114637)

Zhigang He

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 322L

Molecular Mechanisms of Reward-Related Behavior (109099)

Elena Chartoff

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 322L

Molecular Mechanisms of Reward-Related Behavior (109099)

Elena Chartoff

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 323

Synaptic Plasticity (118839)

Florian Engert

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Neurobiology - Graduate 323

Synaptic Plasticity (118839)

Florian Engert

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 323L

Sensory Transduction in Hair Cells of the Mammalian Inner Ear (109101)

Jeffrey Holt

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 323L

Sensory Transduction in Hair Cells of the Mammalian Inner Ear (109101)

Jeffrey Holt

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Neurobiology - Graduate 324

Research in Neuropeptide Gene Regulation (136833)

Joseph Majzoub

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 324

Research in Neuropeptide Gene Regulation (136833)

Joseph Majzoub

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Neurobiology - Graduate 324L

Neuroscience and Genetics of Human Variation in Reward and Self-Control (109102)

Joshua Buckholtz

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 324L

Neuroscience and Genetics of Human Variation in Reward and Self-Control (109102)

Joshua Buckholtz

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Neurobiology - Graduate 325

Synaptic Transmissions and Dendritic Processing (111229)

Wade Regehr

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Neurobiology - Graduate 325

Synaptic Transmissions and Dendritic Processing (111229)

Wade Regehr

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Neurobiology - Graduate 325L

Genetic Dissection of Inhibitory Modulation in the Central Nervous System (109103)

Uwe Rudolph

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 325L

Genetic Dissection of Inhibitory Modulation in the Central Nervous System (109103)

Uwe Rudolph

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 326

Age-Dependent Mechanisms of Perinatal Brain Injury (119610)

Frances Jensen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 326

Age-Dependent Mechanisms of Perinatal Brain Injury (119610)

Frances Jensen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 326L

Extracellular Matrix/neuron/glia Interactions in Pathophysiology of Schizophrenia & Bipolar Disorder (109104)

Sabina Berretta

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Neurobiology - Graduate 326L

Extracellular Matrix/neuron/glia Interactions in Pathophysiology of Schizophrenia & Bipolar Disorder (109104)

Sabina Berretta

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Neurobiology - Graduate 327

Rotation Course in Neurosciences (116607)

John Assad

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Course Notes: **Primarily for students in Neuroscience.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Neurobiology - Graduate 327

Rotation Course in Neurosciences (116607)

John Assad

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Course Notes: **Primarily for students in Neuroscience.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 327R

Lab Rotations in Neurosciences (109330)

John Assad

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Neurobiology - Graduate 327R

Lab Rotations in Neurosciences (109330)

John Assad

Taralyn Tan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 328

Mechanisms of Cell Death in Stroke and Trauma (112849)

Eng Lo

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 328

Mechanisms of Cell Death in Stroke and Trauma (112849)

Eng Lo

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 328L

Role of Sleep in Memory and Emotional Processing in Healthy Subjects, Schizophrenia, Autism, and PTS (109253)

Robert Stickgold

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 328L

Role of Sleep in Memory and Emotional Processing in Healthy Subjects, Schizophrenia, Autism, and PTS (109253)

Robert Stickgold

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Neurobiology - Graduate 329

Molecular Mechanisms of Neurodegeneration in Alzheimer's and Parkinsons Diseases (124384)

Dennis Selkoe

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 329

Molecular Mechanisms of Neurodegeneration in Alzheimer's and Parkinsons Diseases (124384)

Dennis Selkoe

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Neurobiology - Graduate 329L

The Genetic and Neural Basis of Sleep in Drosophila (109254)

Dragana Rogulja

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Neurobiology - Graduate 329L

The Genetic and Neural Basis of Sleep in Drosophila (109254)

Dragana Rogulja

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Neurobiology - Graduate 330

Effects of stress and other experiences on motivated behavior (115975)

William Carlezon

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Neurobiology - Graduate 330

Effects of stress and other experiences on motivated behavior (115975)

William Carlezon

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Neurobiology - Graduate 330L

Translational Genomics of Parkinsons Disease: Cause, Cures, Diagnostics (109252)

Clemens Scherzer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Neurobiology - Graduate 330L

Translational Genomics of Parkinsons Disease: Cause, Cures, Diagnostics (109252)

Clemens Scherzer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Neurobiology - Graduate 331

Neural Differentiation, Regeneration and Stem Cell Regulation in the Brain and Eye (115976)

Dong Chen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 331

Neural Differentiation, Regeneration and Stem Cell Regulation in the Brain and Eye (115976)

Dong Chen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 331L

Motivational Influences on Cortical Networks Underlying Attention, Learning and Memory of Sensory Cu (109256)

Mark Andermann

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 331L

Motivational Influences on Cortical Networks Underlying Attention, Learning and Memory of Sensory Cu (109256)

Mark Andermann

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 332

Ligand-Gated Ion Channels: Structure and Function (110882)

Jonathan Cohen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 332

Ligand-Gated Ion Channels: Structure and Function (110882)

Jonathan Cohen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 332L

Biological and Computational Underpinnings of Visual Processing (109257)

David Cox

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 332L

Biological and Computational Underpinnings of Visual Processing (109257)

David Cox

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Neurobiology - Graduate 333

Intercellular Communication (111693)

David Paul

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 333

Intercellular Communication (111693)

David Paul

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 333L

Behavioral and synaptic plasticity in neuropsychiatric disorders; mechanisms of axon guidance and sy (109293)

Christopher Cowan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 333L

Behavioral and synaptic plasticity in neuropsychiatric disorders; mechanisms of axon guidance and sy (109293)

Christopher Cowan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 333QC

Careers in Neuroscience (207084)

David Ginty

2020 Spring (2 Credits) **Schedule:** R 0530 PM - 0659 PM

Instructor Permissions: Instructor **Enrollment Cap:** 25

This course is intended to provide PiN PhD candidates with a structured introduction to career skills that enable success after the completion of the PhD, and is directed to those considering both academic and non-academic paths. There will be ten sessions in total, and each session will feature one or more invited

discussion leaders who can relate the merits and challenges of particular career paths and the skills required to be successful.

Course Notes: **Course is offered every 2 years.**

Class Notes: **The course meets in WAB 236 from 5:30 to 7:00pm, beginning January 30, and continues every other Thursday, though meeting dates may change subject to speaker availability. Dinner is provided.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 334

Hair Cells and Afferent Neurons of the Inner Ear (123141)

Ruth Anne Eatock

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 334

Hair Cells and Afferent Neurons of the Inner Ear (123141)

Ruth Anne Eatock

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 334L

Cellular and Molecular Mechanisms of Cortical Circuit Assembly (109369)

Corey Harwell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 334L

Cellular and Molecular Mechanisms of Cortical Circuit Assembly (109369)

Corey Harwell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 335

Physiological Function and the Pathogenetic Actions of Genes Implicated in Neurodegenerative Disease (109376)

Mark Albers

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Neurobiology - Graduate 335

Physiological Function and the Pathogenetic Actions of Genes Implicated in Neurodegenerative Disease (109376)

Mark Albers

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 335L

Molecular Mechanisms Underlying the Assembly of Neural Circuits (156902)

Matthew Pecot

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Neurobiology - Graduate 335L

Molecular Mechanisms Underlying the Assembly of Neural Circuits (156902)

Matthew Pecot

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 336

Developmental Cognitive Neuroscience, Focusing Primarily on Memory and Face Processing (121800)

Charles Nelson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 336

Developmental Cognitive Neuroscience, Focusing Primarily on Memory and Face Processing (121800)

Charles Nelson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Neurobiology - Graduate 336L

Synapse formation and refinement in the mammalian brain (156926)

Hisashi Umemori

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 336L

Synapse formation and refinement in the mammalian brain (156926)

Hisashi Umemori

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 337

Neurobiology of the Human Circadian Pacemaker (115515)

Charles Czeisler

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 337

Neurobiology of the Human Circadian Pacemaker (115515)

Charles Czeisler

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 337L

Human and primate social decision making, executing functioning and memory (160771)

Ziv Williams

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Neurobiology - Graduate 337L

Human and primate social decision making, executing functioning and memory (160771)

Ziv Williams

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Neurobiology - Graduate 338

Neural Circuitry of Primate Visual Cortex (116539)

Richard Born

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 338

Neural Circuitry of Primate Visual Cortex (116539)

Richard Born

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Neurobiology - Graduate 338L

Molecular Biology, Genetics, & Neural Circuitry of Fear in Animals & Human Fear-Related Disorders (160775)

Kerry Ressler

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 338L

Molecular Biology, Genetics, & Neural Circuitry of Fear in Animals & Human Fear-Related Disorders (160775)

Kerry Ressler

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 339

Synaptic and Neuronal Network Mechanisms of Learned and Innate Fear (119841)

Vadim Bolshakov

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 339

Synaptic and Neuronal Network Mechanisms of Learned and Innate Fear (119841)

Vadim Bolshakov

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Neurobiology - Graduate 339L

Cell-extracellular matrix interaction in brain development and malformation (203215)

Xianhua Piao

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Neurobiology - Graduate 339L

Cell-extracellular matrix interaction in brain development and malformation (203215)

Xianhua Piao

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 341

Cognition and Cognitive Disorders; the Role of Translational Regulation (123142)

Raymond Kelleher

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Neurobiology - Graduate 341

Cognition and Cognitive Disorders; the Role of Translational Regulation (123142)

Raymond Kelleher

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 342

Neurophysiology of Visual Cortex and LGN (111946)

R. Reid

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Neurobiology - Graduate 342

Neurophysiology of Visual Cortex and LGN (111946)

R. Reid

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 343

Neuronal Metabolism and Excitability; Molecular Physiology of Ion Channels (111077)

Gary Yellen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Neurobiology - Graduate 343

Neuronal Metabolism and Excitability; Molecular Physiology of Ion Channels (111077)

Gary Yellen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 344

Neurobiology and Protein Biochemistry Underlying Parkinson's Disease (107634)

Matthew LaVoie

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 344

Neurobiology and Protein Biochemistry Underlying Parkinson's Disease (107634)

Matthew LaVoie

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 345

Molecular Basis of Neuron Glia Interactions (114397)

Gabriel Corfas

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 345

Molecular Basis of Neuron Glia Interactions (114397)

Gabriel Corfas

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 346

Visual Processing in Primates (111038)

John Assad

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Neurobiology - Graduate 346

Visual Processing in Primates (111038)

John Assad

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Neurobiology - Graduate 347

Alzheimer's Disease Research (118956)

Bradley Hyman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 347

Alzheimer's Disease Research (118956)

Bradley Hyman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 347L

Computational cognitive neuroscience of learning and memory (205911)

Samuel Gershman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Neurobiology - Graduate 347L

Computational cognitive neuroscience of learning and memory (205911)

Samuel Gershman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Neurobiology - Graduate 348

Neural stem cells and cerebrospinal fluid (108355)

Maria Lehtinen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 348

Neural stem cells and cerebrospinal fluid (108355)

Maria Lehtinen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 349

Olfactory and Vomeronasal Systems Molecular and Developmental Neurobiology (115980)

Catherine Dulac

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Neurobiology - Graduate 349

Olfactory and Vomeronasal Systems Molecular and Developmental Neurobiology (115980)

Catherine Dulac

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Neurobiology - Graduate 350

Development, degeneration, and circuitry of the vertebrate retina (146731)

Connie Cepko

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 350

Development, degeneration, and circuitry of the vertebrate retina (146731)

Connie Cepko

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 351

Neurogenetics of Disease (112135)

Louis Kunkel

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 351

Neurogenetics of Disease (112135)

Louis Kunkel

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 352L

Neural circuitry of sleep and sleep disorders (203807)

Thomas Scammell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 352L

Neural circuitry of sleep and sleep disorders (203807)

Thomas Scammell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 353

Physiology, with an Emphasis on Ion Channels, Signal Transduction, and Imaging (134189)

David Clapham

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course

FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 353

Physiology, with an Emphasis on Ion Channels, Signal Transduction, and Imaging (134189)

David Clapham

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Neurobiology - Graduate 354

Structural Biology of Signaling and Transport Through Biological Membranes (123145)

Rachelle Gaudet

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Neurobiology - Graduate 354

Structural Biology of Signaling and Transport Through Biological Membranes (123145)

Rachelle Gaudet

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 355

A Biophysical Approach to System Function (107746)

Michael Do

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Neurobiology - Graduate 355

A Biophysical Approach to System Function (107746)

Michael Do

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 356

Ion Channels in Neural Cell Membranes (144968)

David Corey

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 356

Ion Channels in Neural Cell Membranes (144968)

David Corey

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 357

Experience-Dependent Neuronal Circuit Maturation and Plasticity (123610)

Michela Fagiolini

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 357

Experience-Dependent Neuronal Circuit Maturation and Plasticity (123610)

Michela Fagiolini

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 358

Neurogenetics of Human Disease (121701)

Xandra Breakefield

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Neurobiology - Graduate 358

Neurogenetics of Human Disease (121701)

Xandra Breakefield

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Neurobiology - Graduate 358L

Genomic analyses of brain cell function and dysfunction (205912)

Evan Macosko

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 358L

Genomic analyses of brain cell function and dysfunction (205912)

Evan Macosko

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 359

Functional and Behavioral Interrogation of Neural Circuits in the Mammalian Olfactory System (126396)

Sandeep Datta

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Neurobiology - Graduate 359

Functional and Behavioral Interrogation of Neural Circuits in the Mammalian Olfactory System (126396)

Sandeep Datta

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 360

Neural Signal Processing and Mechanisms of General Anesthesia (119842)

Emery Brown

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 360

Neural Signal Processing and Mechanisms of General Anesthesia (119842)

Emery Brown

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 361

Immunobiology of the Nervous System and its Tumors (116018)

Lois Lampson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Neurobiology - Graduate 361

Immunobiology of the Nervous System and its Tumors (116018)

Lois Lampson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 362

Optical Imaging in Alzheimer's Disease (125535)

Brian Bacskai

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 362

Optical Imaging in Alzheimer's Disease (125535)

Brian Bacskai

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Neurobiology - Graduate 363

Axonal Development and Reorganization (120337)

Larry Benowitz

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 363

Axonal Development and Reorganization (120337)

Larry Benowitz

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Neurobiology - Graduate 363L

The genetics, biochemistry and physiology of forebrain inhibition (205895)

Gordon Fishell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Using genetic, physiological and molecular methods to understand how inhibitory interneuron subtypes are generated and subsequently integrated into neural circuits in both normal and pathophysiological conditions.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 363L

The genetics, biochemistry and physiology of forebrain inhibition (205895)

Gordon Fishell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Using genetic, physiological and molecular methods to understand how inhibitory interneuron subtypes are generated and subsequently integrated into neural circuits in both normal and pathophysiological conditions.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 364

hypothalamic circuitry controlling sleep and circadian rhythms (131279)

Clifford Saper

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 364

hypothalamic circuitry controlling sleep and circadian rhythms (131279)

Clifford Saper

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 365

Behavioral Pharmacology of Stimulant Drugs and Brain Dopamine Systems (121799)

Barak Caine

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Neurobiology - Graduate 365

Behavioral Pharmacology of Stimulant Drugs and Brain Dopamine Systems (121799)

Barak Caine

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 366

Functional Organization of the Retina (121350)

Richard Masland

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 366

Functional Organization of the Retina (121350)

Richard Masland

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Neurobiology - Graduate 367

Neocortical Development and Regeneration (113770)

Jeffrey Macklis

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Neurobiology - Graduate 367

Neocortical Development and Regeneration (113770)

Jeffrey Macklis

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Neurobiology - Graduate 368L

Serotonin neurotransmission in behavior and psychopathology (203814)

Kathryn Commons

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 368L

Serotonin neurotransmission in behavior and psychopathology (203814)

Kathryn Commons

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Neurobiology - Graduate 369L

Statistical neuronal computations underlying complex decisions and behavior under uncertainty (203815)

Jan Drugowitsch

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 369L

Statistical neuronal computations underlying complex decisions and behavior under uncertainty (203815)

Jan Drugowitsch

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 370

Genetic and Molecular Studies of Neurodegenerative Diseases (118843)

Rudolph Tanzi

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Neurobiology - Graduate 370

Genetic and Molecular Studies of Neurodegenerative Diseases (118843)

Rudolph Tanzi

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Neurobiology - Graduate 371

Sensory Neuron Development and Sleep Using Genetics and Live Imaging in Zebrafish (123147)

Alexander Schier

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Neurobiology - Graduate 371

Sensory Neuron Development and Sleep Using Genetics and Live Imaging in Zebrafish (123147)

Alexander Schier

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 372

Neurotransmitter Control of Ion Channels (112805)

Bruce Bean

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 372

Neurotransmitter Control of Ion Channels (112805)

Bruce Bean

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 373

Developmental Studies of the Murine Trigeminal Sensory System (112846)

Qiufu Ma

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Neurobiology - Graduate 373

Developmental Studies of the Murine Trigeminal Sensory System (112846)

Qiufu Ma

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 374

Molecular Basis of Alzheimer's Disease & Parkinson's Disease (112852)

Jie Shen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Neurobiology - Graduate 374

Molecular Basis of Alzheimer's Disease & Parkinson's Disease (112852)

Jie Shen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 375

Mechanisms of Synaptic Transmission & Plasticity (112850)

Venkatesh Murthy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Neurobiology - Graduate 375

Mechanisms of Synaptic Transmission & Plasticity (112850)

Venkatesh Murthy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Neurobiology - Graduate 375L

Deep phenotyping in mental illness (208292)

Justin Baker

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Neurobiology - Graduate 376

Genetics of Neuronal Cell Biology (115462)

Thomas Schwarz

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Neurobiology - Graduate 376

Genetics of Neuronal Cell Biology (115462)

Thomas Schwarz

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 377

Physiological Studies of Phototransduction and Light Adaptation (116020)

Clint Makino

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 377

Physiological Studies of Phototransduction and Light Adaptation (116020)

Clint Makino

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 377L

Structure, function, and development of neuronal networks (205935)

Wei-Chung Lee

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Neurobiology - Graduate 377L

Structure, function, and development of neuronal networks (205935)

Wei-Chung Lee

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 378

Neuronal Mechanisms and Animal Behavior (123148)

Naoshige Uchida

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 378

Neuronal Mechanisms and Animal Behavior (123148)

Naoshige Uchida

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Neurobiology - Graduate 379

Growth Factor Regulation of Neural Development and Oncogenesis (116022)

Scott Pomeroy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 379

Growth Factor Regulation of Neural Development and Oncogenesis (116022)

Scott Pomeroy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Neurobiology - Graduate 380

Functional Wiring of the Rabbit Retina, Control of Postnatal Development (116024)

Elio Raviola

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Neurobiology - Graduate 380

Functional Wiring of the Rabbit Retina, Control of Postnatal Development (116024)

Elio Raviola

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 381

Glutamate Transporters, Cell Death, Sleep/Wake Regulation (116025)

Paul Rosenberg

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Neurobiology - Graduate 381

Glutamate Transporters, Cell Death, Sleep/Wake Regulation (116025)

Paul Rosenberg

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Neurobiology - Graduate 382

Hypothalamus and Melanin Concentrating Hormone in the Regulation of Energy Homeostasis (117277)

Eleftheria Maratos-Flier

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 382

Hypothalamus and Melanin Concentrating Hormone in the Regulation of Energy Homeostasis (117277)

Eleftheria Maratos-Flier

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Neurobiology - Graduate 383

Role of the Basal Ganglia in Learning and Motivation (125277)

Emad Eskandar

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 383

Role of the Basal Ganglia in Learning and Motivation (125277)

Emad Eskandar

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 384

Neuroscience of Human Emotions and Emotional Disorders (107633)

Diego Pizzagalli

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Neurobiology - Graduate 384

Neuroscience of Human Emotions and Emotional Disorders (107633)

Diego Pizzagalli

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 385

Mammalian Gap Junctions, Inhibitory Neuronal Networks, and Corticothalamic Processing (124147)

Carole Landisman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 385

Mammalian Gap Junctions, Inhibitory Neuronal Networks, and Corticothalamic Processing (124147)

Carole Landisman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 386

Changes in Sensory Neurons that Contribute to Pain (116029)

Clifford Woolf

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 386

Changes in Sensory Neurons that Contribute to Pain (116029)

Clifford Woolf

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 387

Modulation and Plasticity of Auditory Processing (127406)

Daniel Polley

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 387

Modulation and Plasticity of Auditory Processing (127406)

Daniel Polley

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 388L

Therapeutic and diagnostic stem cells for neurological disorders (203796)

Khalid Shah

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 388L

Therapeutic and diagnostic stem cells for neurological disorders (203796)

Khalid Shah

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Neurobiology - Graduate 389

Molecular Regulation of Neural Tube Development (117278)

Mary Loeken

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 389L

Enteric nervous system regulation of gastrointestinal and metabolic homeostasis (213724)

Meenakshi Rao

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Neurobiology - Graduate 389L

Enteric nervous system regulation of gastrointestinal and metabolic homeostasis (213724)

Meenakshi Rao

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 390

Mechanisms of Synapse Regulation (117279)

Bernardo Sabatini

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 390

Mechanisms of Synapse Regulation (117279)

Bernardo Sabatini

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 390L

Mechanisms of spinal plasticity and motor control in humans (213725)

Randy Trumbower

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Neurobiology - Graduate 390L

Mechanisms of spinal plasticity and motor control in humans (213725)

Randy Trumbower

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 391

The Biology and Experimental Therapeutics of Malignant Brain Tumors (110231)

E. Chiocca

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Neurobiology - Graduate 391

The Biology and Experimental Therapeutics of Malignant Brain Tumors (110231)

E. Chiocca

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 391L

Sensory Biology and Cell Physiology (214425)

Nicholas Bellono

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 391L

Sensory Biology and Cell Physiology (214425)

Nicholas Bellono

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Neurobiology - Graduate 392

Synaptic Plasticity in the CNS (117281)

Chinfei Chen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Neurobiology - Graduate 392

Synaptic Plasticity in the CNS (117281)

Chinfei Chen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 392L

Development, Function and Dysfunction of the Somatosensory System (214428)

Lauren Orefice

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 392L

Development, Function and Dysfunction of the Somatosensory System (214428)

Lauren Orefice

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 393

Cranial axon growth and guidance (117282)

Elizabeth Engle

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Neurobiology - Graduate 393

Cranial axon growth and guidance (117282)

Elizabeth Engle

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Neurobiology - Graduate 393L

Pathophysiology & etiology of depression in adolescents, neurobio mechanisms of symptom improvement (215761)

Christian Webb

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 394

Human Memory Processing and Brain State (126787)

Edwin Robertson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Neurobiology - Graduate 394

Human Memory Processing and Brain State (126787)

Edwin Robertson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 394L

Circadian rhythms and translational control in neurological diseases of the developing brain (215783)

Jonathan Lipton

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 395

Neuron-Glia Interactions During Development & Disease; Synapse Development & Plasticity; Neuro-Immun (125468)

Beth Stevens

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 395

Neuron-Glia Interactions During Development & Disease; Synapse Development & Plasticity; Neuro-Immun (125468)

Beth Stevens

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 395L

Human neurodevelopmental disorders: genetics and neurobiology (215787)

Tim Yu

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Neurobiology - Graduate 396

Critical Period Mechanisms of Experience-Dependent Brain Development (124248)

Takao Hensch

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Neurobiology - Graduate 396

Critical Period Mechanisms of Experience-Dependent Brain Development (124248)

Takao Hensch

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 397

Nervous System Construction and Function (118841)

Sam Kunes

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Neurobiology - Graduate 397

Nervous System Construction and Function (118841)

Sam Kunes

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Neurobiology - Graduate 398

HSV Vectors for Cancer Therapy (118842)

Samuel Rabkin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Neurobiology - Graduate 398

HSV Vectors for Cancer Therapy (118842)

Samuel Rabkin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Neurobiology - Graduate 399

Neurocircuits Thought to Regulate Metabolism and Behavior (123143)

Bradford Lowell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Neurobiology - Graduate 399

Neurocircuits Thought to Regulate Metabolism and Behavior (123143)

Bradford Lowell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Subject: Microbiology

Microbiology 201

Molecular Biology of the Bacterial Cell (126271)

David Rudner

Thomas Bernhardt

Simon Dove

2020 Spring (4 Credits) **Schedule:** TR 1000 AM - 1159 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course is devoted to bacterial structure, physiology, genetics, and regulatory mechanisms. The class consists of lectures and group discussions emphasizing methods, results, and interpretations of classic and contemporary literature.

Class Notes: **Classes will be held Jan 28 - Apr 28, in NRB 1031.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Microbiology 202

Mechanisms of Bacterial Pathogenesis and Host Immune Response (126269)

Marcia Goldberg

Jonathan Kagan

Deepali Ravel

Michael Starnbach

Darren Higgins

Brian Russo

2019 Fall (4 Credits) **Schedule:** TR 1000 AM - 1159 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course focuses on molecular mechanisms of bacterial pathogenesis and the host response to infection. The class consists of lectures and group discussions emphasizing themes of pathogenesis, methods, results, and interpretations of classic and contemporary literature. Subjects including bacterial secretion systems, mechanisms of entry into host cells, biofilm formation, and motility are viewed primarily from the pathogen's perspective, whereas topics including inflammasome activation, TLR signaling, and adaptive immune responses provide a host-centric view. Additional sessions are spent examining current methods of antibiotic discovery and vaccine development. The course also introduces students to the wide diversity of pathogenic bacteria. Organisms discussed include pathogenic E. coli, Shigella species, Vibrio cholerae, Listeria monocytogenes, Chlamydia trachomatis, Pseudomonas aeruginosa and Staphylococcus aureus, as well as a discussion of the challenges presented by currently unculturable species.

The course is designed to complement Microbiology 201; however students who have not taken Microbiology 201 previously are welcome.

Course Notes: **Designed for graduate students in first year or beyond, however undergraduates with specific interest in the field may audit.**

Class Notes: **Class will be held in NRB 1031.**

MICRO202 was previously listed as MICRO214; course evaluations for the current version of this class can be accessed under the course number MICRO214

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Microbiology 205

Mechanisms of Microbial Pathogenesis (146757)

Clyde Crumpacker

Harvey Simon

2019 Fall (4 Credits) **Schedule:** TR 0830 AM - 1230 PM

Instructor Permissions: Instructor **Enrollment Cap:** 40

The mechanisms of bacterial, mycoplasmal, fungal, and viral pathogenesis are covered. Topics are selected for intrinsic interest and cover the spectrum of pathophysiologic mechanisms of the infectious process. Emphasis on pathogenesis at the molecular level.

Course Notes: **Offered jointly with the Medical School as HT 040.**

Class Notes: **Classes will run from September 3 through December 12, 2019. Classes will be held in TMEC 250.**

Recommended Prep: **A background course in molecular biology is strongly encouraged.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Microbiology 210

Microbial Sciences: Chemistry, Ecology, and Evolution (125823)

Michael Gilmore

2020 Spring (4 Credits) **Schedule:** F 0845 AM - 1200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

This is an interdisciplinary graduate-level and advanced undergraduate-level course in which students explore topics in molecular microbiology, microbial diversity, and microbially-mediated geochemistry in depth. This course will be taught by faculty from the Microbial Sciences Initiative. Topics include the origins of life, biogeochemical cycles, microbial diversity, and ecology.

Course Notes: **Also offered as Organismic and Evolutionary Biology 290.**

Recommended Prep: **For graduate and advanced undergraduate students, Life Sciences 1a and 1b or their equivalent are required, or permission of instructor. MCB 52 or equivalent is recommended.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Microbiology 213

Social Issues in Biology (122708)

Jonathan Beckwith

Stephen Lory

Richard Born

David Glass

2020 Spring (4 Credits) **Schedule:** R 0200 PM - 0459 PM

Instructor Permissions: Instructor **Enrollment Cap:** 18

This discussion course covers historical and contemporary readings about controversial issues related to biology and social responsibility of scientists. The topics are selected from amongst the following: Eugenics: past, present and future; Reproducibility, probability and truth in science; Pros and cons of DNA use in forensics; Social activism in science; Women and minorities in science; Biology of sex and gender; History and public perception of vaccinations; Animals in research; Science communication to the public (s); Controversies in biology and medicine re: issues of race, ethnicity and gender; How science is taught. The course can provide future scientists with a background in anticipating and considering present and future ethical and social implications of biology.

Course Notes: **Offered jointly with the Medical School as MG 722.0.**

Class Notes: **Meeting dates are Jan 30 - Apr 23.**

Recommended Prep: **Some background in genetics.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Microbiology 300

Advanced Topics in Microbiology and Molecular Genetics (111409)

Rosalind Segal

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A series of reading and discussion seminars, each running for a half term (7 weeks). Two seminars, which can be taken in different terms, are required for credit.

Course Notes: **Non-DMS students must get permission from the Division of Medical**

Sciences before registering for this course. Please contact us at 617-432-0605 or visit the DMS Office at T-MEC 435, 260 Longwood Avenue, Boston.

Recommended Prep: **Dependent on seminar.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Microbiology 300

Advanced Topics in Microbiology and Molecular Genetics (111409)

Rosalind Segal

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A series of reading and discussion seminars, each running for a half term (7 weeks). Two seminars, which can be taken in different terms, are required for credit.

Course Notes: **Non-DMS students must get permission from the Division of Medical Sciences before registering for this course. Please contact us at 617-432-0605 or visit the DMS Office at T-MEC 435, 260 Longwood Avenue, Boston.**

Recommended Prep: **Dependent on seminar.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Microbiology 300QC

Advanced Topics in Microbiology and Molecular Genetics (127508)

Rosalind Segal

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A series of reading and discussion seminars, each running for a half term (7 weeks).

Course Notes: **Non-DMS students must get permission from the Division of Medical Sciences before registering for this course. Please contact us at 617-432-0162 or visit the DMS Office at T-MEC 435, 260 Longwood Avenue, Boston.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Microbiology 300QC

Advanced Topics in Microbiology and Molecular Genetics (127508)

Rosalind Segal

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A series of reading and discussion seminars, each running for a half term (7 weeks).

Course Notes: **Non-DMS students must get permission from the Division of Medical Sciences before registering for this course. Please contact us at 617-432-0162 or visit the DMS Office at T-MEC 435, 260 Longwood Avenue, Boston.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Microbiology 302QC

Introduction to Infectious Disease Research: Infectious Diseases Consortium Boot Camp (109380)

Eric J. Rubin

Deepali Ravel

2020 Spring (2 Credits) **Schedule:** MTWRF 0900 AM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This January boot camp course provides a fun, informative introduction to the breadth of infectious disease research carried out at Harvard and beyond. The course will focus on several aspects of infectious diseases:

Underlying biology of infectious diseases and the diverse pathogens that cause them;

Modern approaches to studying infectious diseases, including experimental biology, epidemiology, bioinformatics, and clinical microbiology;

Modern approaches to developing new interventions, including drugs, vaccines, diagnostics, and

public health measures.

Course goals will be accomplished through a mix of lectures, discussions, and reading combined with lab visits and hands-on workshops. In addition, students will have the chance to meet faculty, students, and fellows in infectious disease roles across Harvard.

Course Notes: **This is an intensive January course. While most participants in this course come from biology graduate programs at HMS/HSPH, students from other programs or schools are welcome to register.**

Class Notes: **This course will run from Jan 13 - 17. First meeting location: TMEC 333.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Microbiology 305

Molecular Determinants of Intracellular Bacterial Pathogenesis (112844)

Darren Higgins

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Microbiology 305

Molecular Determinants of Intracellular Bacterial Pathogenesis (112844)

Darren Higgins

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Microbiology 308

Bacterial/ Host Interactions in Symbiosis and Pathogenesis (112851)

Dennis Kasper

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Microbiology 308

Bacterial/ Host Interactions in Symbiosis and Pathogenesis (112851)

Dennis Kasper

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Microbiology 310

Bacterial Genetics of Tuberculosis and Tularemia (120183)

Eric J. Rubin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Microbiology 310

Bacterial Genetics of Tuberculosis and Tularemia (120183)

Eric J. Rubin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Microbiology 312

Acquired and Innate Immunity to Pneumococci (126377)

Richard Malley

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Microbiology 312

Acquired and Innate Immunity to Pneumococci (126377)

Richard Malley

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Microbiology 313

T-Lymphocyte Responses to Bacterial Pathogens (114635)

Michael Starnbach

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Microbiology 313

T-Lymphocyte Responses to Bacterial Pathogens (114635)

Michael Starnbach

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Microbiology 315

Signaling Networks That Regulate Synapse Development (110091)

Michael Greenberg

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Microbiology 315

Signaling Networks That Regulate Synapse Development (110091)

Michael Greenberg

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Microbiology 316

Host Pathogen Interactions (117274)

Stephen Lory

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Microbiology 316

Host Pathogen Interactions (117274)

Stephen Lory

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Microbiology 317

Molecular Mechanisms in Pathogenesis (124931)

John Mekalanos

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Microbiology 317

Molecular Mechanisms in Pathogenesis (124931)

John Mekalanos

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Microbiology 318

Mechanisms of RNA virus pathology explored in cerebral organoids from human embryonic stem cells (110558)

Lee Gehrke

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Microbiology 318

Mechanisms of RNA virus pathology explored in cerebral organoids from human embryonic stem cells (110558)

Lee Gehrke

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Microbiology 319

Molecular pathogenesis of human malaria infection (160765)

Jeffrey Dvorin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Microbiology 319

Molecular pathogenesis of human malaria infection (160765)

Jeffrey Dvorin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Microbiology 320

Epigenetic Regulation of DNA Virus Infection (113543)

David Knipe

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Microbiology 320

Epigenetic Regulation of DNA Virus Infection (113543)

David Knipe

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Microbiology 324

Bacterial Pathogenesis and Vaccine Development (112811)

Gerald Pier

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Microbiology 324

Bacterial Pathogenesis and Vaccine Development (112811)

Gerald Pier

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Microbiology 326

Biology and virulence of enteric pathogens (124203)

Matthew Waldor

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Microbiology 326

Biology and virulence of enteric pathogens (124203)

Matthew Waldor

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Microbiology 328

Molecular Biology of Epstein Barr Virus Infection and Transformation of B Lymphocytes (131596)

Elliott Kieff

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Microbiology 328

Molecular Biology of Epstein Barr Virus Infection and Transformation of B Lymphocytes (131596)

Elliott Kieff

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Microbiology 329

The Regulation of Gene Expression in Pathogenic Bacteria (120013)

Simon Dove

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Microbiology 329

The Regulation of Gene Expression in Pathogenic Bacteria (120013)

Simon Dove

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Microbiology 330

Bacterial Chromosome Dynamics and Cell Biology (119613)

David Rudner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Microbiology 330

Bacterial Chromosome Dynamics and Cell Biology (119613)

David Rudner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Microbiology 331

Modeling Mechanisms of Bacterial Pathogenesis (120014)

Cammie Lesser

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Microbiology 331

Modeling Mechanisms of Bacterial Pathogenesis (120014)

Cammie Lesser

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Microbiology 332

Gene Regulation of Prokaryotes (125575)

Ann Hochschild

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Microbiology 332

Gene Regulation of Prokaryotes (125575)

Ann Hochschild

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Microbiology 335

Molecular Biology of Parasites (115472)

Dyann Wirth

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Microbiology 335

Molecular Biology of Parasites (115472)

Dyann Wirth

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Microbiology 336

Pathogen-Host Interactions (114338)

Marcia Goldberg

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Microbiology 336

Pathogen-Host Interactions (114338)

Marcia Goldberg

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Microbiology 338

Engineering immunity to dissect host-pathogen interactions (160769)

Alejandro Balazs

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Microbiology 338

Engineering immunity to dissect host-pathogen interactions (160769)

Alejandro Balazs

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Microbiology 339

Bacterial Cell Division and Cell Biology (123169)

Thomas Bernhardt

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Microbiology 339

Bacterial Cell Division and Cell Biology (123169)

Thomas Bernhardt

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Microbiology 341

Molecular Biology Multi-drug Resistant Pathogens (127378)

Michael Gilmore

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Microbiology 341

Molecular Biology Multi-drug Resistant Pathogens (127378)

Michael Gilmore

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Microbiology 343

Chemical Biology, Enzymology, Antibiotics, Glycosyltransferases, Inhibitors (120184)

Suzanne Walker

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Microbiology 343

Chemical Biology, Enzymology, Antibiotics, Glycosyltransferases, Inhibitors (120184)

Suzanne Walker

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Microbiology 344

Chemistry and Biology of Host-Virus Interactions (120185)

Priscilla Yang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Microbiology 344

Chemistry and Biology of Host-Virus Interactions (120185)

Priscilla Yang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Microbiology 345R

Protein engineering, antibody evolution, small-molecule discovery dissect host-pathogen interactions (215813)

Aaron Schmidt

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Microbiology 346

Pathogenic Mechanisms and Treatment of Diarrheal Disease (122747)

Paula Watnick

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Microbiology 346

Pathogenic Mechanisms and Treatment of Diarrheal Disease (122747)

Paula Watnick

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Microbiology 347

Chemical Genetics Approach to Bacterial Pathogenesis (122999)

Deborah Hung

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Microbiology 347

Chemical Genetics Approach to Bacterial Pathogenesis (122999)

Deborah Hung

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Microbiology 348

Toll-like Receptors and Innate Immunity (125399)

Jonathan Kagan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Microbiology 348

Toll-like Receptors and Innate Immunity (125399)

Jonathan Kagan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Microbiology 349

Molecular Mechanisms of Leukocyte Trafficking (128185)

Ulrich von Andrian

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Microbiology 349

Molecular Mechanisms of Leukocyte Trafficking (128185)

Ulrich von Andrian

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Microbiology 350

Regulation of T-cell Mediated Immune Response (128186)

Arlene Sharpe

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Microbiology 350

Regulation of T-cell Mediated Immune Response (128186)

Arlene Sharpe

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Microbiology 351

Viral Pathogenic and Transformation Mechanisms (128190)

Peter Howley

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Microbiology 351

Viral Pathogenic and Transformation Mechanisms (128190)

Peter Howley

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Microbiology 352

The Biology of microRNAs and their Dysregulation in Cancers (128191)

Carl Novina

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Microbiology 352

The Biology of microRNAs and their Dysregulation in Cancers (128191)

Carl Novina

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Microbiology 353

Development and delivery of cancer immunotherapies (109092)

Michael Goldberg

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Microbiology 353

Development and delivery of cancer immunotherapies (109092)

Michael Goldberg

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Microbiology 354

Molecular mechanisms of antiviral immunity (205896)

Jonathan Abraham

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Microbiology 354

Molecular mechanisms of antiviral immunity (205896)

Jonathan Abraham

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Microbiology 355

Gut Microbiome and the Immune system (205897)

Aleksandar Kostic

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

The interplay between the gut microbiome and the immune system and how their "miscues" can lead to autoimmune diseases

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Microbiology 355

Gut Microbiome and the Immune system (205897)

Aleksandar Kostic

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

The interplay between the gut microbiome and the immune system and how their "miscues" can lead to autoimmune diseases

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Microbiology 360QC

The Human Microbiome: Comprehensive experimental design and methodologies (207117)

Aleksandar Kostic

Abigail Devlin

2020 Spring (2 Credits) **Schedule:** MW 0100 PM - 0230 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This is a comprehensive introduction to the study of human microbial communities and their functions relevant to human physiology. Topics covered include metagenomics, mechanistic interactions of the microbiome with metabolism, the immune system, and the gut-brain axis. Rather than lectures, this course is primarily a critical discussion of the literature.

Class Notes: **Classes will meet Jan 27 - Mar 11, Folin Wu Room, C Building, HMS Longwood Campus.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Microbiology 374

Enzyme biochemistry and innate immune signaling (204039)

Philip Kranzusch

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Microbiology 374

Enzyme biochemistry and innate immune signaling (204039)

Philip Kranzusch

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Microbiology 385

Immune Surveillance of Stem Cells and Cancer Stem Cells (212612)

Judith Agudo

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Microbiology 385

Immune Surveillance of Stem Cells and Cancer Stem Cells (212612)

Judith Agudo

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Subject: Biolog Chem & Molecular Pharm

Biolog Chem & Molecular Pharm 200

Principles of Molecular Biology (116477)

Joseph John Loparo

Karen Adelman

Stirling Churchman

Frank Slack

Alan Brown

Ralph Scully

2019 Fall (4 Credits) **Schedule:** MWF 1045 AM - 1214 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Principles of Molecular Biology is a course organized around the Central Dogma of Biology with presentations covering fundamental aspects of DNA and RNA structure, their function and their interactions with proteins. The course opens with a discussion of the physical and chemical properties that drive the interactions of proteins with nucleic acids. This is used as a basis for understanding the material presented in the subsequent five modules, which cover DNA replication, DNA repair, gene regulation, transcription and translation. Throughout this course an emphasis will be placed on how the structure of small molecular machines (proteins) define their function in the processes and pathways that are introduced.

Course Notes: **Offered jointly with the Medical School as BP 723.0.**

Class Notes: **Classes will be held in Building C 114 (Cannon), and will run from September 4 through December 9, 2019.**

Recommended Prep: **Intended primarily for graduate students familiar with basic molecular biology or with strong biology/chemistry background.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biolog Chem & Molecular Pharm 213

Behavioral Pharmacology (141859)

Jack Bergman

Brian Kangas

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Introduction to behavioral pharmacology of CNS drugs (e.g., psychomotor stimulants, antischizophrenics, opioid analgesics, antianxiety agents); seminar format with emphasis on behavioral methodology (i.e., model and assay development) and pharmacological analysis (i.e., receptor selectivity and efficacy); attention to tolerance, drug dependence/addiction/treatment, and basic behavioral processes.

Course Notes: **Offered jointly with the Medical School as BP 719.0.**

Class Notes: **Classes will be held in Cambridge Jan 28 - May 12.**

Recommended Prep: **1 year biology or chemistry or 1 year psychology**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students

Biolog Chem & Molecular Pharm 218

Molecular Medicine (122596)

Suneet Agarwal

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 25

A seminar on various human diseases and their underlying genetic or biochemical bases. Primary scientific papers discussed. Lectures by faculty and seminars conducted by students, faculty supervision.

Course Notes: **Faculty mentors will guide student-led discussions of the papers. Jointly offered with the Medical School as HT 140. Go to canvas.hms.harvard to view contents for the course.**

Recommended Prep: **College-level mastery of principles of cellular and molecular biology and genetics.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None

Biolog Chem & Molecular Pharm 230

Principles and Practice of Drug Development (114740)

Stan Finkelstein

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0559 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Critical assessment of the major issues and stages of developing a pharmaceutical or biopharmaceutical. Drug discovery, preclinical development, clinical investigation, manufacturing and regulatory issues considered for small and large molecules. Economic considerations of the drug development process.

Course Notes: **Classes will be held in MIT classroom 1-190 from September 4, 2019, through December 11, 2019.**

Class Notes: **Update: Classes will be held at MIT in Buidling 4, Room 237 (4-237), starting September 4.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None

Biolog Chem & Molecular Pharm 234

Cellular Metabolism and Human Disease (121820)

Thomas Michel
Elizabeth Henske
Joseph Majzoub
Mark Puder
Lynn Bry
Erica Esrick
Bruce Levy
D. Moody
Joseph Loscalzo
Raul Mostoslavsky
Sudha Biddinger
Marcia Haigis
Paul Schmidt

2020 Spring (4 Credits) **Schedule:** MWF 0900 AM - 1030 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Cellular and organismal metabolism, with focus on interrelationships between key metabolic pathways and human disease states. Genetic and acquired metabolic diseases and functional consequences. Interactive lectures and critical reading conferences are integrated with clinical encounters.

Course Notes: **Enrollment may be limited**

Class Notes: **Classes will be held in the Cannon Room, Building C, Jan 27 - May 8.**

Recommended Prep: **Prerequisites for Undergraduate students only: Knowledge of introductory biochemistry, genetics, and cell biology required (MCB 63 or MCB 60 or LIFESCI50, and MCB 64 or equivalent); plus one year of organic chemistry (Chem 17/27 or 20/30).**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Biolog Chem & Molecular Pharm 250

Biophysical and Biochemical Mechanisms of Protein Function (204396)

Andrew Kruse

Stephen Blacklow

Eric Fischer

Philip Cole

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 45

Biophysical and Biochemical Mechanisms of Protein Function focuses on the molecular mechanisms that underlie essential biochemical processes such as signal transduction. Major topics include biochemical thermodynamics and conformational equilibria, protein structure and folding, receptor pharmacology, allostery, and enzymatic mechanisms of signaling. The course includes both content lectures and research frontiers seminars focused on current research in biochemistry with an emphasis on signal transduction in therapeutically relevant pathways.

Class Notes: **Classes will run from Jan 28 - Apr 30. First meeting location: TMEC 246 (Walter Amphitheater).**

Recommended Prep: **A foundational biochemistry course**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Biolog Chem & Molecular Pharm 300QC

Advanced Topics in Biological Chemistry and Molecular Pharmacology (127503)

Rosalind Segal

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A series of reading and discussion seminars, each running for a half term (7 weeks).

Course Notes: **Non-DMS students must get permission from the Division of Medical Sciences before registering for this course. Please contact us at 617-432-0162 or visit the DMS Office at T-MEC 435, 260 Longwood Avenue, Boston.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 300QC

Advanced Topics in Biological Chemistry and Molecular Pharmacology (127503)

Rosalind Segal

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A series of reading and discussion seminars, each running for a half term (7 weeks).

Course Notes: **Non-DMS students must get permission from the Division of Medical Sciences before registering for this course. Please contact us at 617-432-0162 or visit the DMS Office at T-MEC 435, 260 Longwood Avenue, Boston.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biolog Chem & Molecular Pharm 301QC

Translational Pharmacology: The Science of Therapeutic Development (127474)

Catherine Dubreuil
Julie Buring
David Hooper
Joshua Lin
Mehdi Najafzadeh
Mark Namchuk
Jeffrey Way
Donald Coen
Aaron Kesselheim
Jessica Lin

David Altshuler

Samuel Moskowitz

David Golan

Camilla Graham

Jerry Avorn

Mark Goldberg

Daniel Kuritzkes

Sara Buhrlage

2020 Spring (2 Credits) **Schedule:** MTWRF 0930 AM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 56

This intensive course, held during three weeks in January (14 class days), covers principles of pharmacology and their translation into new drug development. Students participate in project groups, composed primarily of graduate students and postgraduate MD fellows, to propose a drug development strategy from target choice through clinical trials. Most mornings include lectures, panel discussions, and/or case studies presented by Harvard faculty and faculty from the pharmaceutical and biotechnology industries; most afternoons are either unscheduled or provide scheduled time to work on the group project. Evaluation is based on written and oral presentations of the group project and on class participation. Enrollment may be limited.

Class Notes: **This course runs from Jan 6 - 24. First meeting location: Modell 100A.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Biolog Chem & Molecular Pharm 305QC

Seminars in Molecular Mechanistic Biology (207006)

Madhvi Venkatesh

2020 Spring (2 Credits) **Schedule:** M 0500 PM - 0600 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Seminars in Molecular Mechanistic Biology is a series of student work-in-progress talks that meets approximately once a month during the academic year. Students who are presenting will receive feedback from both the faculty and the other students in the Molecular Mechanistic Biology (MMB) program. The peer-to-peer structure of this course (which is only open to students in MMB) should build community and a sense of belonging to the program. It will also help students develop a deeper understanding of the study of molecular mechanisms outside of their own labs and build relationships with faculty.

Course Notes: **Registration for this class is limited to students who are a part of the Molecular Mechanistic Biology program. Students should contact Madhvi Venkatesh (madhvi_venkatesh@hms.harvard.edu) regarding enrollment.**

Class Notes: **Sessions are scheduled Feb 10 - May 11. Students will be contacted directly with a room.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biolog Chem & Molecular Pharm 308L

Study human microbiome using small molecules (203784)

Abigail Devlin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 308L

Study human microbiome using small molecules (203784)

Abigail Devlin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Biolog Chem & Molecular Pharm 308QC

Cell Fate Decisions in Development and Disease (108999)

Alan Cantor

2019 Fall (2 Credits) **Schedule:** W 0130 PM - 0329 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This quarter course will offer students an in-depth examination of current knowledge regarding mechanisms of cell fate decisions. It will examine these processes in the context of developmental cell plasticity, cellular reprogramming, and cancer. This will primarily be a literature-based course with examination and discussion of key studies in the field. Concepts involving the instructive role of lineage-

specific transcription factors, transcription factor cross-antagonism, gene regulatory networks, multilineage priming, progenitor cell heterogeneity, pioneer factors, epigenetics, chromatin accessibility, chromatin remodeling factors, "super enhancers," stem cell bias, lineage identity maintenance, mitotic bookmarking, non-coding RNAs, cell polarity, asymmetric cell division, lateral inhibition, lineage plasticity, and cellular reprogramming will be explored.These ideas will be examined in the context of several different tissue systems and organisms.

Class Notes: **Course will run from September 11, 2019 through November 20, 2019. Classes will be held in Karp Family Research Building, 7th Floor Conference Room.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Biolog Chem & Molecular Pharm 309

Regulation of Membrane Protein and Lipid Dynamics: Molecular Mechanisms and Biological Implications (146711)

David Golan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biolog Chem & Molecular Pharm 309

Regulation of Membrane Protein and Lipid Dynamics: Molecular Mechanisms and Biological Implications (146711)

David Golan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biolog Chem & Molecular Pharm 310

Molecular and Cellular Mechanisms of Insulin Action (113805)

Morris White

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Biolog Chem & Molecular Pharm 310

Molecular and Cellular Mechanisms of Insulin Action (113805)

Morris White

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Biolog Chem & Molecular Pharm 311

Structure and Dynamics of Macromolecular Assemblies (133725)

Stephen Harrison

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biolog Chem & Molecular Pharm 311

Structure and Dynamics of Macromolecular Assemblies (133725)

Stephen Harrison

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biolog Chem & Molecular Pharm 312

Repair of Double stranded DNA breaks-pathway choices and more (126361)

Dipanjan Chowdhury

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Biolog Chem & Molecular Pharm 312

Repair of Double stranded DNA breaks-pathway choices and more (126361)

Dipanjan Chowdhury

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Biolog Chem & Molecular Pharm 313

Biochemistry of transmembrane receptors and signaling (109149)

Stephen Blacklow

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biolog Chem & Molecular Pharm 313

Biochemistry of transmembrane receptors and signaling (109149)

Stephen Blacklow

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biolog Chem & Molecular Pharm 314

Protein NMR Spectroscopy of Membrane Protein (117857)

James Chou

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biolog Chem & Molecular Pharm 314

Protein NMR Spectroscopy of Membrane Protein (117857)

James Chou

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Biolog Chem & Molecular Pharm 315

Growth Factor Structure and Function (143092)

Michael Klagsbrun

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biolog Chem & Molecular Pharm 315

Growth Factor Structure and Function (143092)

Michael Klagsbrun

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 316

Signal Transduction and Phosphorylation in Heart Disease (126362)

Maria Kontaridis

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Biolog Chem & Molecular Pharm 316

Signal Transduction and Phosphorylation in Heart Disease (126362)

Maria Kontaridis

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biolog Chem & Molecular Pharm 317

Signal Transduction and Related Molecular Pathophysiology (115965)

Steven Shoelson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biolog Chem & Molecular Pharm 317

Signal Transduction and Related Molecular Pathophysiology (115965)

Steven Shoelson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 318

Molecular mechanism of the immune system (126363)

Sun Hur

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 318

Molecular mechanism of the immune system (126363)

Sun Hur

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 319

Histone Variants and Chromosome Biology (120690)

Kami Ahmad

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biolog Chem & Molecular Pharm 319

Histone Variants and Chromosome Biology (120690)

Kami Ahmad

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 320

Systems and Synthetic Biology (111833)

Pamela Silver

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biolog Chem & Molecular Pharm 320

Systems and Synthetic Biology (111833)

Pamela Silver

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Biolog Chem & Molecular Pharm 321

Structure and Function of ATP-dependent Chromatin Regulators in Human Cancer (156669)

Cigall Kadoch

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biolog Chem & Molecular Pharm 321

Structure and Function of ATP-dependent Chromatin Regulators in Human Cancer (156669)

Cigall Kadoch

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 324

Structure and Replication of DNA (115094)

Charles Richardson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Biolog Chem & Molecular Pharm 324

Structure and Replication of DNA (115094)

Charles Richardson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biolog Chem & Molecular Pharm 325

Genomic Instability and Cancer Susceptibility (113667)

Alan D'Andrea

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 325

Genomic Instability and Cancer Susceptibility (113667)

Alan D'Andrea

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biolog Chem & Molecular Pharm 328

Computational Analysis of Sequence Variation and Divergence (119840)

Shamil Sunyaev

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Biolog Chem & Molecular Pharm 328

Computational Analysis of Sequence Variation and Divergence (119840)

Shamil Sunyaev

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 329

Structure Biology of Cytoplasmic Signal Transduction (148041)

Michael Eck

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Biolog Chem & Molecular Pharm 329

Structure Biology of Cytoplasmic Signal Transduction (148041)

Michael Eck

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biolog Chem & Molecular Pharm 330L

Protein aggregation and synaptic dysfunction (203803)

Dominic Walsh

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 330L

Protein aggregation and synaptic dysfunction (203803)

Dominic Walsh

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 331

Biochemistry and Biology of Neurodegenerative Diseases (117744)

Michael Wolfe

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biolog Chem & Molecular Pharm 331

Biochemistry and Biology of Neurodegenerative Diseases (117744)

Michael Wolfe

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 333

Structural Biology of Mechanisms in Gene Regulation (110246)

Piotr Sliz

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 333

Structural Biology of Mechanisms in Gene Regulation (110246)

Piotr Sliz

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 334

RNA Mechanisms in Cancer and Quiescence (127373)

Shobha Vasudevan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Biolog Chem & Molecular Pharm 334

RNA Mechanisms in Cancer and Quiescence (127373)

Shobha Vasudevan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biolog Chem & Molecular Pharm 335

Biochemical and Genetic Analysis of Eukaryotic Gene Expression (122931)

Stephen Buratowski

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biolog Chem & Molecular Pharm 335

Biochemical and Genetic Analysis of Eukaryotic Gene Expression (122931)

Stephen Buratowski

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biolog Chem & Molecular Pharm 336

Molecular mechanisms of transmembrane signaling (160764)

Andrew Kruse

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biolog Chem & Molecular Pharm 336

Molecular mechanisms of transmembrane signaling (160764)

Andrew Kruse

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 337

Drosophila Molecular Genetics (122426)

Welcome Bender

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biolog Chem & Molecular Pharm 337

Drosophila Molecular Genetics (122426)

Welcome Bender

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Biolog Chem & Molecular Pharm 338

Gene Regulation in Yeast and Cancer (116302)

Kevin Struhl

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biolog Chem & Molecular Pharm 338

Gene Regulation in Yeast and Cancer (116302)

Kevin Struhl

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biolog Chem & Molecular Pharm 340

Biologically Active Small Molecules (118845)

Jon Clardy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biolog Chem & Molecular Pharm 340

Biologically Active Small Molecules (118845)

Jon Clardy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Biolog Chem & Molecular Pharm 343

Molecular Genetics of Herpes Viruses (145027)

Donald Coen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Biolog Chem & Molecular Pharm 343

Molecular Genetics of Herpes Viruses (145027)

Donald Coen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biolog Chem & Molecular Pharm 344

Molecular Pharmacology of Excitable Membranes (131357)

Gary Strichartz

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 344

Molecular Pharmacology of Excitable Membranes (131357)

Gary Strichartz

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 345

Transcription Factors in Hematopoiesis and Leukemogenesis (120174)

Alan Cantor

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Biolog Chem & Molecular Pharm 345

Transcription Factors in Hematopoiesis and Leukemogenesis (120174)

Alan Cantor

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Biolog Chem & Molecular Pharm 349

Targeting Deregulated Apoptotic and Transcriptional Pathways in Cancer (122746)

Loren Walensky

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Biolog Chem & Molecular Pharm 349

Targeting Deregulated Apoptotic and Transcriptional Pathways in Cancer (122746)

Loren Walensky

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biolog Chem & Molecular Pharm 352

Chemical Mediators in Inflammation and Resolution (119614)

Charles Serhan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biolog Chem & Molecular Pharm 352

Chemical Mediators in Inflammation and Resolution (119614)

Charles Serhan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Biolog Chem & Molecular Pharm 353

Epigenomics and Chromatin Systems Biology (122334)

Yujiang (Geno) Shi

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Biolog Chem & Molecular Pharm 353

Epigenomics and Chromatin Systems Biology (122334)

Yujiang (Geno) Shi

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Biolog Chem & Molecular Pharm 355

Transcriptional Control of Hematopoiesis and Leukemia (122740)

Hanno Hock

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Biolog Chem & Molecular Pharm 355

Transcriptional Control of Hematopoiesis and Leukemia (122740)

Hanno Hock

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biolog Chem & Molecular Pharm 356

NMR Spectroscopy of Proteins and Metabolites (148268)

Gerhard Wagner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biolog Chem & Molecular Pharm 356

NMR Spectroscopy of Proteins and Metabolites (148268)

Gerhard Wagner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biolog Chem & Molecular Pharm 358

Targeting Apoptosis Regulation in Cancer (122742)

Anthony Letai

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 358

Targeting Apoptosis Regulation in Cancer (122742)

Anthony Letai

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Biolog Chem & Molecular Pharm 359

Molecular Mechanisms of Signal Transduction (144995)

Elaine Elion

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 359

Molecular Mechanisms of Signal Transduction (144995)

Elaine Elion

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 360

Regeneration of Cartilage and Skeletal Muscle (120048)

Andrew Lassar

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biolog Chem & Molecular Pharm 360

Regeneration of Cartilage and Skeletal Muscle (120048)

Andrew Lassar

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 361

X-Ray Crystallographic Studies of Viruses and Proteins (137505)

James Hogle

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 361

X-Ray Crystallographic Studies of Viruses and Proteins (137505)

James Hogle

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 362

Eukaryotic Survival Decisions (114726)

David Fisher

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biolog Chem & Molecular Pharm 362

Eukaryotic Survival Decisions (114726)

David Fisher

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biolog Chem & Molecular Pharm 363

Normal cell division mechanisms and cell division defects in cancer (114763)

David Pellman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 363

Normal cell division mechanisms and cell division defects in cancer (114763)

David Pellman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biolog Chem & Molecular Pharm 366

Stem Cells in Disease and Development (119609)

George Daley

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biolog Chem & Molecular Pharm 366

Stem Cells in Disease and Development (119609)

George Daley

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Biolog Chem & Molecular Pharm 370

Advanced Topics in Biological Chemistry and Molecular Pharmacology (114232)

Rosalind Segal

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A series of reading and discussion seminars, each running for a half term (7 weeks). Two seminars, which can be taken in different terms, are required for credit.

Course Notes: **Non-DMS students must get permission from the Division of Medical Sciences before registering for this course. Please contact us at 617-432-0162 or visit the DMS Office at T-MEC 435, 260 Longwood Avenue, Boston.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 370

Advanced Topics in Biological Chemistry and Molecular Pharmacology (114232)

Rosalind Segal

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A series of reading and discussion seminars, each running for a half term (7 weeks). Two seminars, which can be taken in different terms, are required for credit.

Course Notes: **Non-DMS students must get permission from the Division of Medical Sciences before registering for this course. Please contact us at 617-432-0162 or visit the DMS Office at T-MEC 435, 260 Longwood Avenue, Boston.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biolog Chem & Molecular Pharm 371

Maintenance of genome stability in S phase (115348)

Johannes Walter

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biolog Chem & Molecular Pharm 371

Maintenance of genome stability in S phase (115348)

Johannes Walter

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biolog Chem & Molecular Pharm 375

Biomolecular Nanotechnology (120627)

William Shih

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biolog Chem & Molecular Pharm 375

Biomolecular Nanotechnology (120627)

William Shih

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Biolog Chem & Molecular Pharm 376

Mechanisms of Action of Antibiotics (121266)

Daniel Kahne

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biolog Chem & Molecular Pharm 376

Mechanisms of Action of Antibiotics (121266)

Daniel Kahne

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 377

Quantitative Proteomics of Cancer Progression (121384)

Jarrod Marto

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 377

Quantitative Proteomics of Cancer Progression (121384)

Jarrod Marto

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 379

Biochemical and Molecular Regulation of Vascular Growth (121642)

Marsha Moses

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biolog Chem & Molecular Pharm 379

Biochemical and Molecular Regulation of Vascular Growth (121642)

Marsha Moses

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biolog Chem & Molecular Pharm 381

Functional Small Molecules for Biological Discovery (123001)

Nathanael Gray

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biolog Chem & Molecular Pharm 381

Functional Small Molecules for Biological Discovery (123001)

Nathanael Gray

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biolog Chem & Molecular Pharm 382

Mechanisms of RNAi in Stem Cells (123114)

Richard Gregory

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 382

Mechanisms of RNAi in Stem Cells (123114)

Richard Gregory

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biolog Chem & Molecular Pharm 383

Integrated and Functional Genomic Studies of Human Cancer (125361)

Levi Garraway

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 383

Integrated and Functional Genomic Studies of Human Cancer (125361)

Levi Garraway

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biolog Chem & Molecular Pharm 384

Embryonic stem cells, Nuclear Transfer, Cancer, Reprogramming (125402)

Konrad Hochedlinger

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Biolog Chem & Molecular Pharm 384

Embryonic stem cells, Nuclear Transfer, Cancer, Reprogramming (125402)

Konrad Hochedlinger

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Biolog Chem & Molecular Pharm 385

Control of Gene Expression in Tumorgenesis and Differentiation (128173)

Thomas Roberts

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 385

Control of Gene Expression in Tumorgenesis and Differentiation (128173)

Thomas Roberts

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biolog Chem & Molecular Pharm 386

Kinase Signaling in Cancer (128175)

Jean Zhao

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 386

Kinase Signaling in Cancer (128175)

Jean Zhao

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 387

Single-molecule Biophysics and Force Spectroscopy (108354)

Wesley Wong

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biolog Chem & Molecular Pharm 387

Single-molecule Biophysics and Force Spectroscopy (108354)

Wesley Wong

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biolog Chem & Molecular Pharm 388

Single-molecule studies of DNA repair (128193)

Joseph John Loparo

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biolog Chem & Molecular Pharm 388

Single-molecule studies of DNA repair (128193)

Joseph John Loparo

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biolog Chem & Molecular Pharm 389

Chromatin and DNA Dynamics (128194)

Timur Yusufzai

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biolog Chem & Molecular Pharm 389

Chromatin and DNA Dynamics (128194)

Timur Yusufzai

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biolog Chem & Molecular Pharm 390

Gene Regulation Studied with Small Molecules (107622)

James Bradner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 390

Gene Regulation Studied with Small Molecules (107622)

James Bradner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 391

Aging and redox biology (107864)

Vadim Gladyshev

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biolog Chem & Molecular Pharm 391

Aging and redox biology (107864)

Vadim Gladyshev

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 395

Probing dynamics of gene expression (204030)

Karen Adelman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Biolog Chem & Molecular Pharm 395

Probing dynamics of gene expression (204030)

Karen Adelman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Biolog Chem & Molecular Pharm 396

Chemical tools for manipulating biological systems (204035)

Justin Kim

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Biolog Chem & Molecular Pharm 396

Chemical tools for manipulating biological systems (204035)

Justin Kim

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biolog Chem & Molecular Pharm 398L

Structural biology of the ubiquitin proteasome system (203808)

Eric Fischer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Biolog Chem & Molecular Pharm 398L

Structural biology of the ubiquitin proteasome system (203808)

Eric Fischer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Subject: Immunology

Immunology 201

Advanced Topics in Immunology (148547)

Thorsten Mempel

Stephanie Dougan

Shiv Pillai

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0359 PM

Instructor Permissions: Instructor **Enrollment Cap:** 50

This course provides an intensive and in-depth examination of a selection of fundamental concepts in immunology. It takes advantage of the unique expertise of members of our Immunology faculty to illustrate how these concepts have been established and continue to be developed based on seminal work in the field including contributions from their own laboratories.

Course Notes: **Intended for students who have had prior exposure to immunology on the undergraduate level. In the absence of such exposure, students must obtain the permission of the Course Director. Offered jointly with the Medical School as IM 702.0.**

Class Notes: **Classes will be held in Modell 100A.**

Recommended Prep: **A background in genetics and biochemistry strongly recommended.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Immunology 202

Immune and Inflammatory Diseases (148503)

Filip Swirski

Mikael Pittet

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0400 PM

Instructor Permissions: None **Enrollment Cap:** n/a

IMM202 builds on IMM201 and explores fundamental principles of immunology in the context of immune and inflammatory diseases. Through a series of lectures and discussion, students will survey a broad range of diseases in which the immune system is essential. Topics will include not only diseases that mobilize classical immunity but also conditions to which we now know the immune systems contributes. Students will use oral and written exercises to learn how to evaluate and synthesize major concepts and tools germane to immunology's relationship to bioscience.

Course Notes: **Offered jointly with the Medical School as IM 712.0.**

Class Notes: **Classes will be held Jan 28 - May 7, in Modell 100A.**

Recommended Prep: **Immunology 201 or its equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam

Immunology 203

Advances in Immunology (215751)

Daniel Lingwood
Ulrich von Andrian
Shiv Pillai
Bruce Walker
Facundo Batista
Michael Birnbaum
Galit Alter
Alejandro Balazs
Douglas Kwon

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0359 PM
T 0230 PM - 0329 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Semester long course, intended for graduate students at Harvard and MIT, jointly taught by Harvard and MIT faculty members at the Ragon Institute of MGH, MIT, and Harvard.

Class Notes: **Lectures will be held at the Ragon Institute auditorium on Tuesdays (2: 30 - 3:30pm) and are open to auditors. Discussion sections will be held on Thursdays (3 - 4pm) with limited enrollment. Classes begin on Tue, Feb 4.**

Recommended Prep: **Students should have completed or be concurrently enrolled in a basic immunology course.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Immunology 204

Critical Readings for Immunology (143254)

Duane Wesemann

2020 Spring (4 Credits) **Schedule:** R 1000 AM - 0100 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Original research articles from fields including immunology, biochemistry, genetics, and cell and developmental biology will be critically analyzed in an intensive small group format. Grading will be based on class participation and oral presentations.

Course Notes: **Required for first-year immunology students, open to second-year immunology students. No auditors. Offered jointly with the Medical School as IM 703.0.**

Class Notes: **Classes will be held Jan 30 - Apr 30, in Modell 100A.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Immunology 300

Advanced Topics in Immunology (141598)

Rosalind Segal

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Reading and discussion seminars each running for a half term (7 weeks). Two seminars, which can be taken in different terms, are required for credit. Topics include the role of intracellular and transmembrane protein phosphates in signal transduction.

Course Notes: **Intended for first- and second-year Immunology graduate students. Non-DMS students must get permission from the Division of Medical Sciences before registering for this course. Call 617-432-0162 or visit the DMS Office at T-MEC 435, 260 Longwood Avenue, Boston.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Immunology 300

Advanced Topics in Immunology (141598)

Rosalind Segal

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Reading and discussion seminars each running for a half term (7 weeks). Two seminars, which can be taken in different terms, are required for credit. Topics include the role of intracellular and transmembrane protein phosphates in signal transduction.

Course Notes: **Intended for first- and second-year Immunology graduate students. Non-DMS students must get permission from the Division of Medical Sciences before registering for this course. Call 617-432-0162 or visit the DMS Office at T-MEC 435, 260 Longwood Avenue, Boston.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Immunology 300QC

Advanced Topics in Immunology (146259)

Rosalind Segal

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A series of reading and discussion seminars, each running for a half term (7 weeks).

Course Notes: **Non-DMS students must get permission from the Division of Medical Sciences before registering for this course. Please contact us at 617-432-0162 or visit the DMS Office at T-MEC 435, 260 Longwood Avenue, Boston.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Immunology 300QC

Advanced Topics in Immunology (146259)

Rosalind Segal

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A series of reading and discussion seminars, each running for a half term (7 weeks).

Course Notes: **Non-DMS students must get permission from the Division of Medical Sciences before registering for this course. Please contact us at 617-432-0162 or visit the DMS Office at T-MEC 435, 260 Longwood Avenue, Boston.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Immunology 301

Immunology Seminar (142204)

Shiv Pillai

Galit Alter

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0359 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Gives students exposure to research topics in Immunology. Students prepare for the weekly seminar through readings, discussions, and preparing brief write-ups. These discussions are facilitated by members of the Committee on Immunology.

Course Notes: **Required for, and limited to, first-year Immunology graduate students. All others will be evaluated for enrollment on a case by case basis.**

Class Notes: **Class sessions will be held Jan 29 - Apr 22, in Modell 100A.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Immunology 301

Immunology Seminar (142204)

Shiv Pillai

Galit Alter

2019 Fall (4 Credits) **Schedule:** W 1200 PM - 0359 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Gives students exposure to research topics in Immunology. Students prepare for the weekly seminar through readings, discussions, and preparing brief write-ups. These discussions are facilitated by members of the Committee on Immunology.

Course Notes: **Required for, and limited to, first-year Immunology graduate students. All others will be evaluated for enrollment on a case by case basis.**

Class Notes: **The first class will be held on Wednesday, September 4, 2019, in the Modell Immunology Center, Room 100A.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Immunology 301QC

Autoimmunity (146257)

Francisco Quintana

2020 Spring (2 Credits) **Schedule:** M 0400 PM - 0559 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will focus on basic immunological mechanisms of autoimmune diseases, with an emphasis on recent advances in the field. At each session, we will focus on a particular topic and discuss three important publications.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Immunology 302

Innate and Adaptive Immune Inflammation in Allergic and Asthmatic Models (131252)

K Austen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Immunology 302

Innate and Adaptive Immune Inflammation in Allergic and Asthmatic Models (131252)

K Austen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Immunology 302QC

Clinical Sessions (146352)

Rachael Clark

2020 Spring (2 Credits) **Schedule:** T 1200 PM - 1259 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Lectures by physician scientists and clinical exposure to patients with immunologically mediated diseases. The goal is to foster translational research into human immunologic disease.

Course Notes: **Limited to Immunology students.**

Class Notes: **Classes will be held Mar 10 - Apr 28 (no meeting on Mar 17, spring break) in Modell 258.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Immunology 303

Immunity to Tuberculosis (143100)

Samuel Behar

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Immunology 303

Immunity to Tuberculosis (143100)

Samuel Behar

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Immunology 304

Innate Immunity and Host-Pathogen Interactions (130326)

Lynda Stuart

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Immunology 304

Innate Immunity and Host-Pathogen Interactions (130326)

Lynda Stuart

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Immunology 305

T-cell Immunology - Tolerance, transplantation, Autoimmunity (146635)

Laurence Turka

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Immunology 305

T-cell Immunology - Tolerance, transplantation, Autoimmunity (146635)

Laurence Turka

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Immunology 305QC

Neuro-Immunology in Development, Regeneration and Disease (130342)

Isaac Chiu

Beth Stevens

Michael Carroll

Jun Huh

2020 Spring (2 Credits) **Schedule:** W 0100 PM - 0259 PM

Instructor Permissions: None **Enrollment Cap:** n/a

It is increasingly clear that the nervous system and immune system share parallel molecular pathways, and communication between neurons and immune cells play significant roles in homeostasis and disease. This course will investigate current topics in neuro-immunology: CNS development, chronic pain, neuro-degeneration, aging, axon regeneration, auto-immunity and infection. We will focus our discussions on molecular mechanisms shared by the immune and nervous systems and the molecular cross-talk between these two systems.

Course Notes: **Each class will cover a specific topic in neuro-immunology. Students should be prepared to lead discussions on pre-selected papers for each session.**

Class Notes: **Classes will be held Mar 18 - May 6, in TMEC 330.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Immunology 307QC

Cancer Immunology (130614)

Kai Wucherpfennig

Cathy Wu

Stephanie Dougan

Philip Kranzusch

Judith Agudo

2019 Fall (2 Credits) **Schedule:** M 0400 PM - 0559 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

There have been many exciting recent developments in the cancer immunology field, and multiple therapeutic approaches have shown efficacy against diverse types of cancer. This course will emphasize new mechanistic insights, specifically on the following topics: Mechanisms of spontaneous protective anti-tumor immunity; Key effector cell populations of anti-tumor immunity; Innate immune pathways in tumor immunity; Inflammation and tumor microenvironment; Immunosuppressive mechanisms in tumor immunity; Targeting of inhibitory receptors; Cancer vaccines.

Course Notes: **Must be PhD student at Harvard or postdoctoral fellow. This class will be taking place in the Modell Center, 2nd Floor conference room.**

Class Notes: **Course will run for 7 sessions, beginning October 28, 2019, and will end on December 16, 2019. No class will be held on November 11, 2019.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Immunology 308

Cell Signaling in Innate Immunity (156742)

Hongbo Luo

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 308

Cell Signaling in Innate Immunity (156742)

Hongbo Luo

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 309

Molecular Aspects of Lymphocyte Interactions (134828)

Cornelis Terhorst

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Immunology 309

Molecular Aspects of Lymphocyte Interactions (134828)

Cornelis Terhorst

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Immunology 310

Responses Mediated by Innate and Adaptive Immune Cells in Cancer and other Inflammatory Disorders (130018)

Mikael Pittet

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 310

Responses Mediated by Innate and Adaptive Immune Cells in Cancer and other Inflammatory Disorders (130018)

Mikael Pittet

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Immunology 312

Interplay Between the Innate Immune System and Gut Microbial Communities (148325)

Wendy Garrett

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Immunology 312

Interplay Between the Innate Immune System and Gut Microbial Communities (148325)

Wendy Garrett

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Immunology 312QC

Applied Statistics and High Throughput Data Analysis for Immunologists (215744)

Meromit Singer

Alos Diallo

2020 Spring (2 Credits) **Schedule:** F 0200 PM - 0329 PM

Instructor Permissions: Instructor **Enrollment Cap:** 50

This course will provide a friendly, fun, and exciting entry point for students who wish to build confidence in data analysis and the application of statistical tools and packages. Lecture topics will include fundamentals of statistical analysis (e.g., hypothesis testing, inferring the mean, experiment design), modeling, and classification.

Course Notes: **There is an additional workshop component being offered as IMMUN 313QC primarily for first-year Immunology PhD students. Workshops may be open to other graduate students with prior instructor consent.**

Class Notes: **Course dates: Jan 31 - Mar 13. Lectures will be held on Fridays in Modell 100A. IMMUN 313QC workshops will be held on Mondays in Modell 259.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None

Immunology 313QC Section: 1

Applied Statistics and High Throughput Data Analysis for Immunologists (workshop) (215792)

Meromit Singer

Alos Diallo

2020 Spring (2 Credits) **Schedule:** M 0200 PM - 0330 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course will provide a friendly, fun, and exciting entry point for students who wish to build confidence in data analysis and the application of statistical tools and packages. Lecture topics will include fundamentals of statistical analysis (e.g., hypothesis testing, inferring the mean, experiment design), modeling, and classification.

Course Notes: **This workshop is designed primarily for first-year Immunology PhD students to complement IMMUN 312QC. Students should also enroll**

for the lecture component, IMMUN 312QC.

Class Notes: **Course dates: Jan 31 - Mar 13. Workshops will be held on Mondays in Modell 259. Lectures for IMMUN 312QC will be held on Fridays in Modell 100A.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 314

Rheumatic Diseases (144761)

Peter Schur

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Immunology 314

Rheumatic Diseases (144761)

Peter Schur

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Immunology 315

Immunoregulation (142715)

Martin Dorf

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Immunology 315

Immunoregulation (142715)

Martin Dorf

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Immunology 315QC

Therapeutic Human Antibody Engineering (208013)

Wayne Marasco

Stephanie Dougan

Quan Zhu

2019 Fall (2 Credits) **Schedule:** T 1000 AM - 1215 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This quarter course will focus on all aspects of therapeutic antibody (Ab) engineering from bench to bedside with an emphasis on translational research. Short lectures will introduce the topics of the day, reviews and seminal papers will be provided. Ab discovery will include readings on in vitro microbial discovery platforms such as Ab-phagemid and Ab yeast display as well as single B cell cloning strategies. Current state of the art of human Ig locus transgenic mice will be discussed. Engineering strategies will include chimeric, humanized and human Abs, and different formats including single chain Abs (scFvs), domain Abs, BITES and Bi-specific Abs. Human Fc engineering to increase or decrease immune-mediated clearance will be discussed including glycan engineering. Manipulating engineered Ab in vivo clearance through size and FcRn interactions will be discussed. We will also discuss nanobodies, antibody drug conjugates and immunotoxins and chimeric antigen receptors. Classes will start with short didactic lectures followed by discussion of 2-3 published papers.

Course Notes: **Must be a MS or PhD student at Harvard or postdoctoral fellow otherwise course director permission will be needed to enroll.**

Class Notes: **Classes will be held from September 10 through November 12, 2019, in**

Modell 100A.

Recommended Prep: **Immunology 201. Background in genetics and biochemistry strongly recommended.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Immunology 316

Molecular Basis of Immunologic Recognition and Communication (131598)

Harvey Cantor

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Immunology 316

Molecular Basis of Immunologic Recognition and Communication (131598)

Harvey Cantor

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 317

Molecular Biology of Receptor Transduction in the Immune System (148052)

Brian Seed

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Immunology 317

Molecular Biology of Receptor Transduction in the Immune System (148052)

Brian Seed

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Immunology 317QC

Strategies to Achieve Durable Anti-Microbial Host Defense (211216)

Wayne Marasco

Quan Zhu

2020 Spring (2 Credits) **Schedule:** T 1000 AM - 1200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Achieving long term immunity in humans to emerging viral pathogens is an important component of global health for which there are broad socioeconomic and geopolitical implications. Yet this effort has been thwarted because of genetic variability of circulating strains and ease of undergoing antibody neutralization escape. In addition, zoonotic transfer of viruses to humans can lead to emergence of new viruses into the human population that can lead to pandemics in the absence of anti-viral herd immunity. This course will primarily focus on broadly neutralizing and protective anti-viral antibody responses and how critical epitope selection on viral glycoproteins that can help to achieve long-term immunity. We will examine through classical and contemporary readings several principles that can be used to design vaccines and anti-viral antibodies to target the virus's Achilles heel. Critical teachings in this class will include studying how immunoediting of viruses can drive neutralization escape and zoonotic transfer across species. We will discuss the molecular characteristics of bone marrow derived long-lived plasma cells. We will also discuss how to interrogate the broadly neutralizing antibody response to natural infection and vaccines using modern molecular techniques such as NGS and Ab RepSeq. There is also much effort in the field to engineer broadly neutralizing antibodies for passive immunotherapy as prophylactic, preemptive and therapeutic agents. These treatments include therapeutic antibody gene transfer and bi-and trispecific anti-viral monoclonal antibodies. Numerous viruses will be discussed including HIV and emerging influenza, coronaviruses, flaviviruses, alpha viruses, Ebola and others. We will touch on intracellular microbial

pathogens. The course will be structured with 20-30 min didactic lectures by Dr. Marasco and other lecturers followed by discussion of 3-5 published papers on the assigned topic of the day.

Course Notes: **There has been explosive growth of our understanding of host defense against microbial infections. However, our immune responses are not always protective and in fact, can promote microbial evolution. The most dramatic examples of this comes from the study of RNA viruses where immune editing by the viruses results in neutralization escape which is commonly seen. Is this different from what cancer cells do? This course will be primarily immunology based but will provide a strong understanding of how to select the viral proteins that can be targeted to block virus attachment, uncoating and egress. We will focus on how we can establish durable antiviral immunity through active and passive immunization. We will get the pulse of the class and see what directions and topics we want to cover and some of the course readings can be tailored to this interest.**

Class Notes: **Classes will be held Jan 28 - Mar 31, in Modell 100A.**

Recommended Prep: **Background in immunology and virology is strongly recommended. Must be a PhD student at Harvard or postdoctoral fellow; otherwise, course director permission is required prior to enrollment.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 318

Mechanisms of Antigen Presentation and Cellular Immunology (130017)

Florian Winau

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Immunology 318

Mechanisms of Antigen Presentation and Cellular Immunology (130017)

Florian Winau

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Immunology 319

Molecular Basis of Cell Adhesion and Migration (131509)

Timothy Springer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Immunology 319

Molecular Basis of Cell Adhesion and Migration (131509)

Timothy Springer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Immunology 320

Cell Adhesion in Vascular Biology and Innate Immunity (146636)

Denisa Wagner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Immunology 320

Cell Adhesion in Vascular Biology and Innate Immunity (146636)

Denisa Wagner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Immunology 320L

The Study of Human Tissue Resident T Cells (130340)

Rachael Clark

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Immunology 320L

The Study of Human Tissue Resident T Cells (130340)

Rachael Clark

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 321

Functional Memory T Cells (146443)

William Haining

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Why functional memory T cells are formed, and why protective T cell immunity fails to develop agains

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Immunology 321

Functional Memory T Cells (146443)

William Haining

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Why functional memory T cells are formed, and why protective T cell immunity fails to develop agains

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Immunology 321L

Molecular Mechanism of Immunity to Fungal Pathogens (146650)

Jatin Vyas

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Immunology 321L

Molecular Mechanism of Immunity to Fungal Pathogens (146650)

Jatin Vyas

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Immunology 322

Systems Approaches to Innate and Adaptive Immunity; Functional Genomics of Complex Disease Genetics (146251)

Ramnik Xavier

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Immunology 322

Systems Approaches to Innate and Adaptive Immunity; Functional Genomics of Complex Disease Genetics (146251)

Ramnik Xavier

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Immunology 322L

Molecular and Cellular Analysis of Primary Immunodeficiencies (130341)

Luigi Notarangelo

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Immunology 322L

Molecular and Cellular Analysis of Primary Immunodeficiencies (130341)

Luigi Notarangelo

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 323L

Immunity to Bacterial Enteropathogens: Modulation by Host and Microbial Factors (146651)

Bobby Cherayil

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Immunology 323L

Immunity to Bacterial Enteropathogens: Modulation by Host and Microbial Factors (146651)

Bobby Cherayil

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Immunology 324

Systems Immunology of Tolerance and Autoimmunity (142667)

Christophe Benoist

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Immunology 324

Systems Immunology of Tolerance and Autoimmunity (142667)

Christophe Benoist

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Immunology 324L

T-cell Sensitization and Immunoregulation in Ocular Allo- and Autoimmunity (130344)

Reza Dana

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Immunology 324L

T-cell Sensitization and Immunoregulation in Ocular Allo- and Autoimmunity (130344)

Reza Dana

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Immunology 325

Immune Cell Interactions Controlling T Cell Effector Function (145418)

Thorsten Mempel

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Immunology 325

Immune Cell Interactions Controlling T Cell Effector Function (145418)

Thorsten Mempel

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Immunology 325L

Mechanisms of Peripheral Tolerance and their Breakdown in Allergic and Autoimmune Diseases (146652)

Talal Chatila

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Immunology 325L

Mechanisms of Peripheral Tolerance and their Breakdown in Allergic and Autoimmune Diseases (146652)

Talal Chatila

Susan Jackson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Immunology 326

Human T-cell Antigen Receptor; Human Lymphocyte Differentiation Antigens; TCR; Thymic Development; P (143671)

Ellis Reinherz

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Immunology 326

Human T-cell Antigen Receptor; Human Lymphocyte Differentiation Antigens; TCR; Thymic Development; P (143671)

Ellis Reinherz

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Immunology 326L

Mechanistic Elucidation of Immune Signaling (130345)

Hao Wu

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 326L

Mechanistic Elucidation of Immune Signaling (130345)

Hao Wu

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Immunology 327

Chemical Cell Biology (144904)

Stuart Schreiber

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Immunology 327

Chemical Cell Biology (144904)

Stuart Schreiber

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Immunology 327L

Phagocyte-endothelial Cell Responses in Inflammation (130343)

Tanya Mayadas

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Immunology 327L

Phagocyte-endothelial Cell Responses in Inflammation (130343)

Tanya Mayadas

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Immunology 328R

Introduction to Research (142714)

Shiv Pillai

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Immunology 328R

Introduction to Research (142714)

Shiv Pillai

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 329

Basic and Clinical Mechanisms of Autoimmunity (133227)

Howard Weiner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 329

Basic and Clinical Mechanisms of Autoimmunity (133227)

Howard Weiner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Immunology 329L

Examining the Interplay of Inflammation and Glycosylation (130457)

Robert Anthony

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Immunology 329L

Examining the Interplay of Inflammation and Glycosylation (130457)

Robert Anthony

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Immunology 330

Molecular Aspects of Mast Cells - Mediated Immune Responses (148215)

Richard Stevens

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Immunology 330

Molecular Aspects of Mast Cells - Mediated Immune Responses (148215)

Richard Stevens

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Immunology 330L

CD4+ T Cell Tolerance (130514)

James Moon

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Immunology 330L

CD4+ T Cell Tolerance (130514)

James Moon

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Immunology 331

Lymphoid Organs (143527)

Joan Stein-Streilein

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 331

Lymphoid Organs (143527)

Joan Stein-Streilein

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Immunology 331L

Immune Regulation of Cancer (160772)

Shadmehr Demehri

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Immunology 331L

Immune Regulation of Cancer (160772)

Shadmehr Demehri

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 332

The Role of Cysteinyl Leukotrienes and their Receptors in Pulmonary Inflammation and Fibrosis (144366)

Yoshihide Kanaoka

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Immunology 332

The Role of Cysteinyl Leukotrienes and their Receptors in Pulmonary Inflammation and Fibrosis (144366)

Yoshihide Kanaoka

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Immunology 332L

Genetic dissection of neural circuits that control stress-induced behavioral states (160778)

Todd Anthony

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Immunology 332L

Genetic dissection of neural circuits that control stress-induced behavioral states (160778)

Todd Anthony

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Immunology 334

Understanding the Mechanisms of Pathogen-sensing by the Innate Immune System (146383)

Terry Means

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None

FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 334

Understanding the Mechanisms of Pathogen-sensing by the Innate Immune System (146383)

Terry Means

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Immunology 334L

Function of Genes Associated with Autoimmune Disease (160972)

Stephan Kissler

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Immunology 334L

Function of Genes Associated with Autoimmune Disease (160972)

Stephan Kissler

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 335

Neuro-immunology of Pain and Host Defense (160760)

Isaac Chiu

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Immunology 335

Neuro-immunology of Pain and Host Defense (160760)

Isaac Chiu

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Immunology 336

T-Lymphocyte Recognition (144165)

Michael Brenner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 336

T-Lymphocyte Recognition (144165)

Michael Brenner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Immunology 337

Influence of Initial Bacterial Colonization on the Development of the Mucosal Immune Systems (131243)

W. Allan Walker

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Immunology 337

Influence of Initial Bacterial Colonization on the Development of the Mucosal Immune Systems (131243)

W. Allan Walker

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Immunology 337L

Vascular and Cell Biology of Inflammation and Wound Healing (146665)

Christopher Carman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Immunology 337L

Vascular and Cell Biology of Inflammation and Wound Healing (146665)

Christopher Carman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Immunology 339

Function and Regulation of Cellular Adhesion Mechanisms (144591)

Martin Hemler

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Immunology 339

Function and Regulation of Cellular Adhesion Mechanisms (144591)

Martin Hemler

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 340

The Human Major Histocompatibility Complex, Immune Function, and Disease (143640)

Chester Alper

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 340

The Human Major Histocompatibility Complex, Immune Function, and Disease (143640)

Chester Alper

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Immunology 341

Gene Regulation in Normal and Leukemic Stem Cells (144368)

Daniel Tenen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Immunology 341

Gene Regulation in Normal and Leukemic Stem Cells (144368)

Daniel Tenen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Immunology 342

Immune Cell Signaling, Gene Transcription and Tissue Injury in Lupus (145026)

George Tsokos

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Immunology 342

Immune Cell Signaling, Gene Transcription and Tissue Injury in Lupus (145026)

George Tsokos

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Immunology 343

The Regulation of Eicosanoid Generation (148188)

Jonathan Arm

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 343

The Regulation of Eicosanoid Generation (148188)

Jonathan Arm

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Immunology 344

Genetic Analysis of Lymphocyte Development and Nuclear Oncogene Function (143482)

Frederick Alt

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Immunology 344

Genetic Analysis of Lymphocyte Development and Nuclear Oncogene Function (143482)

Frederick Alt

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Immunology 345

Assembly and Function of pre-B Cell-fate and B Lymphocyte Antigen Receptors (145022)

Shiv Pillai

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Immunology 345

Assembly and Function of pre-B Cell-fate and B Lymphocyte Antigen Receptors (145022)

Shiv Pillai

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Immunology 346

Trafficking of Antigen in Lymph Nodes (131316)

Michael Carroll

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Immunology 346

Trafficking of Antigen in Lymph Nodes (131316)

Michael Carroll

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 347

Lymphocyte development, antibody diversity and host - microbe interactions (161335)

Duane Wesemann

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Immunology 347

Lymphocyte development, antibody diversity and host - microbe interactions (161335)

Duane Wesemann

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Immunology 348

Cell Biology, Biochemistry, and Immunology of Leukocyte-endothelial Adhesion (142207)

Francis Luscinskas

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Immunology 348

Cell Biology, Biochemistry, and Immunology of Leukocyte-endothelial Adhesion (142207)

Francis Luscinskas

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Immunology 348L

Epigenomic regulation of innate immunity (205903)

Kate Jeffrey

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 348L

Epigenomic regulation of innate immunity (205903)

Kate Jeffrey

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Immunology 349L

Cell death, cytopenia and immunosuppression triggered by pathogen recognition (203783)

Ben Croker

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 349L

Cell death, cytopenia and immunosuppression triggered by pathogen recognition (203783)

Ben Croker

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Immunology 350

Regulation of Autoimmune T Cell Responses (131343)

Vijay Kuchroo

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Immunology 350

Regulation of Autoimmune T Cell Responses (131343)

Vijay Kuchroo

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Immunology 351

Studies on Glycosylation and Adaptive Immunity (144582)

Charles Dimitroff

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Immunology 351

Studies on Glycosylation and Adaptive Immunity (144582)

Charles Dimitroff

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Immunology 352

Understanding of how immune cells perform systems-level functions in health and disease. (207243)

Alexander Shalek

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Development and application of new technologies that facilitate understanding of how immune cells collectively perform systems-level functions in health and disease.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 353

Innate and Adaptive Immune Responses in HIV-1 Infection (144750)

Marcus Altfeld

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Immunology 353

Innate and Adaptive Immune Responses in HIV-1 Infection (144750)

Marcus Altfeld

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Immunology 354

Topics in Transplantation Biology (146705)

David Sachs

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Immunology 354

Topics in Transplantation Biology (146705)

David Sachs

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Immunology 355

Molecular Mechanisms of Antigen Presentation (130016)

Edda Fiebiger

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Immunology 355

Molecular Mechanisms of Antigen Presentation (130016)

Edda Fiebiger

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Immunology 356

Cytotoxic T Lymphocytes (144903)

Judy Lieberman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Immunology 356

Cytotoxic T Lymphocytes (144903)

Judy Lieberman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 357

Microbial-epithelial-immune Cell Interactions in Mucosal Tissues (146787)

Richard Blumberg

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Immunology 357

Microbial-epithelial-immune Cell Interactions in Mucosal Tissues (146787)

Richard Blumberg

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Immunology 359

Immunoregulatory Mechanisms at Mucosal Surfaces, Including the Lung and Gut, Affecting the Developme (148219)

Dale Umetsu

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Immunology 359

Immunoregulatory Mechanisms at Mucosal Surfaces, Including the Lung and Gut, Affecting the Developme (148219)

Dale Umetsu

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Immunology 360

Hematopoietic Stem Cells and their Niche (131562)

David Scadden

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Immunology 360

Hematopoietic Stem Cells and their Niche (131562)

David Scadden

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Immunology 360L

Understanding the Immune Microenvironment (204568)

Stephanie Dougan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Immunology 360L

Understanding the Immune Microenvironment (204568)

Stephanie Dougan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Immunology 361

Induction and Regulation of Antigen-specific T Cell Responses (146786)

Gilles Benichou

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 361

Induction and Regulation of Antigen-specific T Cell Responses (146786)

Gilles Benichou

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Immunology 362

Chemokine and Lipid Chemoattractants in Immune Cell Trafficking in Normal Physiology and Disease (131559)

Andrew Luster

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Immunology 362

Chemokine and Lipid Chemoattractants in Immune Cell Trafficking in Normal Physiology and Disease (131559)

Andrew Luster

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 363

Regulation of Immune and Inflammatory Responses by the Leukocyte Immunoglobulin-like Receptor Family (131556)

Howard Katz

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Immunology 363

Regulation of Immune and Inflammatory Responses by the Leukocyte Immunoglobulin-like Receptor Family (131556)

Howard Katz

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Immunology 364

T-cell Differentiation, Tolerance and Autoimmunity (131766)

Diane Mathis

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 364

T-cell Differentiation, Tolerance and Autoimmunity (131766)

Diane Mathis

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Immunology 365

The Sage Lab studies how the immune system regulates B cell responses in disease (213721)

Peter Sage

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Immunology 365

The Sage Lab studies how the immune system regulates B cell responses in disease (213721)

Peter Sage

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Immunology 365L

Macrophage biology in multiple contexts, including IBD and metabolism. (203786)

Tiffany Horng

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Immunology 366

Immune Mechanisms in Cardiovascular Disease (131558)

Andrew Lichtman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Immunology 366

Immune Mechanisms in Cardiovascular Disease (131558)

Andrew Lichtman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Immunology 366L

Innate Inflammation in the Respiratory Tract (213722)

Nora Barrett

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 366L

Innate Inflammation in the Respiratory Tract (213722)

Nora Barrett

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Immunology 367

Biology and Chemistry of Complement Problems (131561)

Anne Nicholson-Weller

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Immunology 368

RNA Granules (131552)

Paul Anderson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 368

RNA Granules (131552)

Paul Anderson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Immunology 369

Mechanisms of Autoimmune Disease (146788)

Vicki Kelley

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Immunology 369

Mechanisms of Autoimmune Disease (146788)

Vicki Kelley

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Immunology 371

Cellular and Molecular Mechanisms of Eosinophil and Other Leukocyte Involvement in Allergic Flammati (131563)

Peter Weller

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Immunology 371

Cellular and Molecular Mechanisms of Eosinophil and Other Leukocyte Involvement in Allergic Flammati (131563)

Peter Weller

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Immunology 372

Immunopathogenesis & Regulation of Immune Response in EAE (148335)

Samia Khoury

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Immunology 372

Immunopathogenesis & Regulation of Immune Response in EAE (148335)

Samia Khoury

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Immunology 373

Biology of Histocompatibility Systems in Man and Experimental Animals; Immunology of Aging (146791)

Edmond Yunis

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Immunology 373

Biology of Histocompatibility Systems in Man and Experimental Animals; Immunology of Aging (146791)

Edmond Yunis

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Immunology 374

Tumor Necrosis Factor-Alpha Gene Regulation in the Immunopathogenesis of AIDS and TB (131555)

Anne Goldfeld

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Immunology 374

Tumor Necrosis Factor-Alpha Gene Regulation in the Immunopathogenesis of AIDS and TB (131555)

Anne Goldfeld

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Immunology 375

Biology and Function of Immunoreceptors (131557)

Jean-Pierre Kinet

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Immunology 375

Biology and Function of Immunoreceptors (131557)

Jean-Pierre Kinet

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Immunology 376

Molecular Basis of Immunodeficiencies; Immunological and Molecular Basis of Atopic Dermatitis (131564)

Raif Geha

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Immunology 376

Molecular Basis of Immunodeficiencies; Immunological and Molecular Basis of Atopic Dermatitis (131564)

Raif Geha

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 377

lymphocyte activation and immune response (207228)

Facundo Batista

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Immunology 377 Section: 01

lymphocyte activation and immune response (207228)

Facundo Batista

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 378

T cell Biology and Cancer Immunology (131566)

Kai Wucherpfennig

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Immunology 378

T cell Biology and Cancer Immunology (131566)

Kai Wucherpfennig

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Immunology 379

Molecular determinants of T cell phenotypes in cancer (207239)

Ana Anderson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Immunology 379

Molecular determinants of T cell phenotypes in cancer (207239)

Ana Anderson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 380

Control of Leukocyte Trafficking and the Immune Response By Chemokines and Other Cytokines (142208)

Barrett Rollins

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Immunology 380

Control of Leukocyte Trafficking and the Immune Response By Chemokines and Other Cytokines (142208)

Barrett Rollins

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Immunology 381

The application of new technologies to the study of immune responses against HIV at mucosal surfaces (161338)

Douglas Kwon

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Immunology 381

The application of new technologies to the study of immune responses against HIV at mucosal surfaces (161338)

Douglas Kwon

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Immunology 382

AIDS Immunopathogenesis and Immune Reconstitution (142209)

R. Paul Johnson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Immunology 382

AIDS Immunopathogenesis and Immune Reconstitution (142209)

R. Paul Johnson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Immunology 383

Signal Transduction, Host-Microbial Interactions and Immunology (120012)

Scott Snapper

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Immunology 383

Signal Transduction, Host-Microbial Interactions and Immunology (161316)

Scott Snapper

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Immunology 384

The Role of Cysteinyl Leukotrienes & Nucleotide Receptors in Control of Pulmonary Allergic Immunity (145431)

Joshua Boyce

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Immunology 384

The Role of Cysteinyl Leukotrienes & Nucleotide Receptors in Control of Pulmonary Allergic Immunity (145431)

Joshua Boyce

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Immunology 385

Regulation of T Lymphocyte Activation and Differentiation (148076)

I-Cheng Ho

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Immunology 385

Regulation of T Lymphocyte Activation and Differentiation (148076)

I-Cheng Ho

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Immunology 386

Molecular and Signaling Pathways Regulating T-cell Immunity and T-cell Anergy (146252)

Vassiliki Boussiotis

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Immunology 386

Molecular and Signaling Pathways Regulating T-cell Immunity and T-cell Anergy (146252)

Vassiliki Boussiotis

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Immunology 387

Genetically-modified T cells as immunotherapy for cancer (202986)

Marcela Maus

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Immunology 387

Genetically-modified T cells as immunotherapy for cancer (202986)

Marcela Maus

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None

FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 388

Structure and function of ATP-dependent chromatin regulators in human cancer (212609)

Cigall Kadoch

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 388L

Innate leukocytes in acute and chronic inflammation (203802)

Filip Swirski

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Immunology 388L

Innate leukocytes in acute and chronic inflammation (203802)

Filip Swirski

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 389

Development of Cancer Vaccines (142681)

Glenn Dranoff

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Immunology 389

Development of Cancer Vaccines (142681)

Glenn Dranoff

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Immunology 390

The Role of NK Cells in Tissues (148326)

Galit Alter

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Immunology 390

The Role of NK Cells in Tissues (148326)

Galit Alter

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 391

Transcription Factors in Lymphocyte Commitment and Differentiation (148121)

Katia Georgopoulos

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Immunology 391

Transcription Factors in Lymphocyte Commitment and Differentiation (148121)

Katia Georgopoulos

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Immunology 392

Dendritic Cells and the Initiation of Immune Reponses; Genetic Analysis using Genome-Wide Mammalian (148193)

Nir Hacohen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Immunology 392

Dendritic Cells and the Initiation of Immune Reponses; Genetic Analysis using Genome-Wide Mammalian (148193)

Nir Hacohen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 393

The Role of the Transcription Factor NF-kB in Regulating Innate Inflammatory Responses (143875)

Bruce Horwitz

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Immunology 393

The Role of the Transcription Factor NF-kB in Regulating Innate Inflammatory Responses (143875)

Bruce Horwitz

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Immunology 394

Cytotoxic Lymphocytes (148194)

D. Moody

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Immunology 394

Cytotoxic Lymphocytes (148194)

D. Moody

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 395

NKT and Other Immune Cell Subsets in Anti-Tumor & Anti-Viral Immunity (144902)

Mark Exley

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Immunology 395

NKT and Other Immune Cell Subsets in Anti-Tumor & Anti-Viral Immunity (144902)

Mark Exley

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Immunology 396

Interested in Immune Tolerance, Particularly in Settings of Autoimmunity and Transplantation (143876)

Terry Strom

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Immunology 396

Interested in Immune Tolerance, Particularly in Settings of Autoimmunity and Transplantation (143876)

Terry Strom

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Immunology 397

Antigen Processing and Presentation by Dendritic Cells in Autoimmunity and Cancer (144108)

Shannon Turley

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Immunology 397

Antigen Processing and Presentation by Dendritic Cells in Autoimmunity and Cancer (144108)

Shannon Turley

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology 398

The Role of Notch Signaling in Lymphoid Neoplasia (144901)

Jon Aster

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Immunology 398

The Role of Notch Signaling in Lymphoid Neoplasia (144901)

Jon Aster

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Subject: Human Bio & Translational Med

Human Bio & Translational Med 200

Pathology of Human Disease (107843)

Scott Lovitch

2020 Spring (4 Credits) **Schedule:** R 0900 AM - 0100 PM
R 0900 AM - 1259 PM
T 0900 AM - 1059 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course provides a comprehensive overview of human pathology with emphasis on mechanisms of disease and modern diagnostic technologies. Topics include (1) general mechanisms of disease (inflammation, infection, immune injury, host response to foreign materials, transplantation, genetic disorders and neoplasia), (2) pathology of major organ systems, and (3) review of diagnostic tools from invasive surgical pathology to non-invasive techniques such as diagnostic imaging and molecular pathology. The objectives of this course are achieved through a set of integrated lectures and laboratories,

as well as a student-driven term project leading to a formal presentation on a medical, socioeconomic, or technological issue in human pathology.

Course Notes: **Enrollment may be limited. Jointly offered with HMS as HT035.0**

Class Notes: **Classes meet Feb 4 - May 14. First meeting location: Cannon Room, Building C.**

Recommended Prep: **General biology.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Human Bio & Translational Med 201

Tumor Microenvironment and Immuno-Oncology: A Systems Biology Approach (143057)

Rakesh Jain

2019 Fall (4 Credits) **Schedule:** M 0500 PM - 0659 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Provides theoretical background to analyze and synthesize the most up-to-date findings from both laboratory and clinical investigations into solid tumor pathophysiology. Covers different topics centered on the critical role that the tumor microenvironment plays in the growth, invasion, metastasis and treatment of solid tumors. Develops a systems-level, quantitative understanding of angiogenesis, extracellular matrix, metastatic process, delivery of drugs and immune cells, and response to conventional and novel therapies, including immunotherapies. Discussions provide critical comments on the challenges and the future opportunities in research on cancer and in establishment of novel therapeutic approaches and biomarkers to guide treatment.

Course Notes: **Given in alternate years. Offered jointly with the Medical School as PA 712.0. Classes held at MIT.**

Class Notes: **Classes will be held at MIT E25-117 and will run from September 9 through December 9, 2019.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Human Bio & Translational Med 235

Principles of Human Disease: Physiology and Pathology (109394)

Connie Cepko

2019 Fall (4 Credits) **Schedule:** MWF 0900 AM - 1029 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course covers the normal physiology and pathophysiology of selected organs, through lectures, readings, tutorials based on clinical cases, and patient presentations. Human biology is emphasized, with some examples also drawn from model organisms. Recent therapeutic approaches, including RNAi, gene therapy, and genome editing will be covered.

Course Notes: **Course enrollment is open to graduate students from any program as well as undergraduates.**

Class Notes: **The first class will be held on September 4, in NRB 350. Classes will run through December 11.**

Recommended Prep: **Knowledge of introductory biochemistry, molecular biology, and cell biology required (MCB52 and MCB54 or equivalent and one year of organic chemistry for undergraduates is recommended).**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Human Bio & Translational Med 300QC

Advanced Topics in Human Biology and Translational Medicine (127506)

Rosalind Segal

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A series of reading and discussion seminars, each running for a half term (7 weeks).

Course Notes: **Non-DMS students must get permission from the Division of Medical Sciences before registering for this course. Please contact us at 617-432-0162 or visit the DMS Office at T-MEC 435, 260 Longwood Avenue, Boston.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Human Bio & Translational Med 300QC

Advanced Topics in Human Biology and Translational Medicine (127506)

Rosalind Segal

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A series of reading and discussion seminars, each running for a half term (7 weeks).

Course Notes: **Non-DMS students must get permission from the Division of Medical Sciences before registering for this course. Please contact us at 617-432-0162 or visit the DMS Office at T-MEC 435, 260 Longwood Avenue, Boston.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Human Bio & Translational Med 301QC

Case Studies in Human Biology and Translational Medicine (127520)

Marc Bonaca

2020 Spring (2 Credits) **Schedule:** MTWRF 0900 AM - 1030 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Two-week course that is required of and restricted to first-year LHB students. Each week of the course focuses on a different "case study" in translational medicine.

Course Notes: **This is an intensive January term course. Restricted to Leder students only.**

Class Notes: **This course is scheduled to run from Jan 6 - 17. First meeting location: Countway 403.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Human Bio & Translational Med 302QC

Imaging and Microscopy Methods in Biology and Medicine (107418)

Lev Perelman

2019 Fall (2 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Introduce modern imaging modalities used in biology and medicine with emphasis on modalities frequently employed in cellular and molecular biology. Overview of basic principles of light and electron microscopy and modern advanced light microscopy techniques such as confocal, light sheet, STED, multi-photon, super-resolution, and chromatin-sensitive CLASS. Discuss modality-specific molecular probes and genetic targeting in microscopy which includes optogenetics and CRISPR-based photoactivatable transcription systems.

Class Notes: **Classes will begin on October 1, 2019, and run through December 3, 2019. Classes will be held in TMEC 328.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 303QC

Vision: A System and its Assessment (109226)

Russell Woods
John Dowling
Jason Comander
Alexandra Bowers
Ronald Hansen
Laura Fine
Regan Bergmark
Kevin Houston
Shrinivas Pundlik
Daejoon Hwang
Francois Delori
Lotfi Merabet
Francisco Costela
Kimberley Chan
Corinna Bauer
Gabriel Kreiman
Steven Savage

2019 Fall (2 Credits) **Schedule:** W 0300 PM - 0459 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course provides an introduction to the visual system and its assessment. In general, we will consider vision as a system rather than its low-level components. Each two-hour session consists of two lectures provided by faculty with expertise in that area. Topics will include basic science and clinical topics, normal vision and abnormal vision, methods of assessment of animals and humans, clinical and laboratory measures.

Class Notes: **Classes will begin on September 11, 2019, and will be held in the 2nd floor conference room, Schepens Eye Research Institute.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Human Bio & Translational Med 304

Resolution of Lung Inflammation and Injury (124267)

Bruce Levy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Human Bio & Translational Med 304

Resolution of Lung Inflammation and Injury (124267)

Bruce Levy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Human Bio & Translational Med 305

Endothelial Cell, Nitric Oxide, Proteomic Redox Regulation (124268)

Joseph Loscalzo

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Human Bio & Translational Med 305

Endothelial Cell, Nitric Oxide, Proteomic Redox Regulation (124268)

Joseph Loscalzo

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Human Bio & Translational Med 305QC

Molecular Bases of Eye Disease (127483)

Darlene Dartt

Magali Saint-Geniez

2020 Spring (2 Credits) **Schedule:** M 0300 PM - 0459 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course provides an overview of the pathogenic process of prevalent ocular diseases. The goals of the course are: (i) to explore the structural and functional aspects of the eye relevant to understanding the pathology, (ii) to review the manifestations of the disease and its effects on vision, (iii) to discuss current views and research in the pathophysiology, and strategies for therapeutic intervention. For most sessions, the basic science and clinical topics will be presented by two faculty lecturers.

Class Notes: **Classes will be held Jan 27 - May 18, in the Schepens Eye Research Institute 2nd Floor Conference Room.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Human Bio & Translational Med 307

Mechanisms of Heart Growth, Regeneration, and Failure (124270)

Anthony Rosenzweig

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 307

Mechanisms of Heart Growth, Regeneration, and Failure (124270)

Anthony Rosenzweig

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 308QC

Experimental Design and Analysis of Eye and Vision Studies (207004)

Russell Woods
Alice Lorch
Lotfi Merabet
Eric Ng
Magali Saint-Geniez
Philip Bronstad
Daniel Sun
Corinna Bauer
Alexandra Bowers
Tobias Elze

2020 Spring (2 Credits) **Schedule:** T 0200 PM - 0359 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

This course will be a series of workshops in which the design and analysis of experiments conducted within vision and eye research will be considered. At each session, a faculty member will provide and introduce data from a real study that they have conducted as an example. Issues around experimental design will be discussed. Then, using the participant's own software on their computer, we will work through analyses of that data, guided by two faculty members. Thus, participants will handle real data and address real experimental design and data issues.

Course Notes: **Participants must bring a laptop computer with a statistical analysis package with which they are familiar. Data will be available for**

download in advance of each session.

Class Notes: **Classes meet every two weeks Feb 5 - Apr 28. 2W Common Room, Schepens Eye Research Institute, 20 Staniford Street, Boston .**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Human Bio & Translational Med 315

Hypothalamic Gene Function and Regulation (124279)

Joseph Majzoub

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Human Bio & Translational Med 315

Hypothalamic Gene Function and Regulation (124279)

Joseph Majzoub

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Human Bio & Translational Med 317

Adhesion, Integrins, Hematopoiesis, Kidney Genetics (125267)

M. Arnaout

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Human Bio & Translational Med 317

Adhesion, Integrins, Hematopoiesis, Kidney Genetics (125267)

M. Arnaout

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Human Bio & Translational Med 320

Endothelial Progenitors in Health Disease (125270)

Joyce Bischoff

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Human Bio & Translational Med 320

Endothelial Progenitors in Health Disease (125270)

Joyce Bischoff

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 321

Regenerative Biology (110151)

Richard Lee

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Human Bio & Translational Med 321

Regenerative Biology (110151)

Richard Lee

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Human Bio & Translational Med 322

Cardiac Repair and Regeneration (125284)

Ronglih Liao

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Human Bio & Translational Med 322

Cardiac Repair and Regeneration (125284)

Ronglih Liao

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Human Bio & Translational Med 323

Developmental Biology and Disease in Human and Zebrafish (125272)

Calum MacRae

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Human Bio & Translational Med 323

Developmental Biology and Disease in Human and Zebrafish (125272)

Calum MacRae

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 324

Principles/Practices of Developing Human Antibody Therapies (125273)

Wayne Marasco

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Human Bio & Translational Med 324

Principles/Practices of Developing Human Antibody Therapies (125273)

Wayne Marasco

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Human Bio & Translational Med 326

Human Genetics of Neuroinflammatory and Neurodegenerative Disorders (125390)

Philip De Jager

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Human Bio & Translational Med 326

Human Genetics of Neuroinflammatory and Neurodegenerative Disorders (125390)

Philip De Jager

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 327

Translational Research on Kinase Inhibitors (125398)

Pasi Janne

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Human Bio & Translational Med 327

Translational Research on Kinase Inhibitors (125398)

Pasi Janne

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Human Bio & Translational Med 331

Tumor Microenvironment, Angiogenesis and Metastasis: from Bench-to-Bedside-to-Biomarkers (125405)

Rakesh Jain

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 331

Tumor Microenvironment, Angiogenesis and Metastasis: from Bench-to-Bedside-to-Biomarkers (125405)

Rakesh Jain

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 332

Brain tumors biology, focus epigenetics and heterogeneity (160768)

Mario Suva

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Human Bio & Translational Med 332

Brain tumors biology, focus epigenetics and heterogeneity (160768)

Mario Suva

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Human Bio & Translational Med 334

Response and resistance to cancer therapies (160773)

Peter Hammerman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Human Bio & Translational Med 334

Response and resistance to cancer therapies (160773)

Peter Hammerman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 335

Molecular Genetics, Cell, Gene Therapy, & Retinal Disease (160774)

Neena Haider

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Human Bio & Translational Med 335

Molecular Genetics, Cell, Gene Therapy, & Retinal Disease (160774)

Neena Haider

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Human Bio & Translational Med 336

Cellular and molecular basis of vascular integrity in adult retina and brain (160776)

Joseph Arboleda-Velasquez

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Human Bio & Translational Med 336

Cellular and molecular basis of vascular integrity in adult retina and brain (160776)

Joseph Arboleda-Velasquez

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Human Bio & Translational Med 340

(LHB). Disease-Centered Tutorial Clinics (125582)

Jordan Kreidberg

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 340

(LHB). Disease-Centered Tutorial Clinics (125582)

Jordan Kreidberg

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Human Bio & Translational Med 341

Gene Regulation of Metabolism in Cardiovascular Health and Disease (126373)

Zoltan Arany

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 341

Gene Regulation of Metabolism in Cardiovascular Health and Disease (126373)

Zoltan Arany

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Human Bio & Translational Med 342

Research in Hematology and Oncology (126374)

Benjamin Ebert

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Human Bio & Translational Med 342

Research in Hematology and Oncology (126374)

Benjamin Ebert

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 343

Genetics of hypertension, arrhythmias and heart failure (126375)

Christopher Newton-Cheh

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 343

Genetics of hypertension, arrhythmias and heart failure (126375)

Christopher Newton-Cheh

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Human Bio & Translational Med 345

Tuberous Sclerosis and LAM: Pathogenic Mechanisms (126949)

Elizabeth Henske

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Human Bio & Translational Med 345

Tuberous Sclerosis and LAM: Pathogenic Mechanisms (126949)

Elizabeth Henske

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Human Bio & Translational Med 346

Bioimaging and Optical Spectroscopy: Detection of Early Disease with Light (127053)

Lev Perelman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Human Bio & Translational Med 346

Bioimaging and Optical Spectroscopy: Detection of Early Disease with Light (127053)

Lev Perelman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Human Bio & Translational Med 347

Effects of Diabetes, Exercise, and Skeletal Muscle Metabolism (127377)

Laurie Goodyear

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Human Bio & Translational Med 347

Effects of Diabetes, Exercise, and Skeletal Muscle Metabolism (127377)

Laurie Goodyear

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Human Bio & Translational Med 348

Molecular Pathogenesis of the Metabolic Syndrome (107631)

Sudha Biddinger

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 348

Molecular Pathogenesis of the Metabolic Syndrome (107631)

Sudha Biddinger

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 350

Molecular basis of hematologic and solid cancers (109090)

Roberto Chiarle

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 350

Molecular basis of hematologic and solid cancers (109090)

Roberto Chiarle

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 351

Biology and Immunotherapy of Chronic Lymphocytic Leukemia (109091)

Cathy Wu

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Human Bio & Translational Med 351

Biology and Immunotherapy of Chronic Lymphocytic Leukemia (109091)

Cathy Wu

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Human Bio & Translational Med 352

Regulation of Vascular Development and Pathology (109122)

Patricia D'Amore

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 352

Regulation of Vascular Development and Pathology (109122)

Patricia D'Amore

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Human Bio & Translational Med 353

Mechanobiology and Developmental Control (109123)

Donald Ingber

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 353

Mechanobiology and Developmental Control (109123)

Donald Ingber

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Human Bio & Translational Med 354

Epithelial:stromal Interactions in the Formation and Progression of Carcinomas (109124)

Antoine Karnoub

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 354

Epithelial:stromal Interactions in the Formation and Progression of Carcinomas (109124)

Antoine Karnoub

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Human Bio & Translational Med 355

Epigenetic Mechanisms in Mammalian Development (109125)

Bradley Bernstein

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Human Bio & Translational Med 355

Epigenetic Mechanisms in Mammalian Development (109125)

Bradley Bernstein

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Human Bio & Translational Med 356

Genetic Models of Leukemogenesis (109139)

A. Look

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Human Bio & Translational Med 356

Genetic Models of Leukemogenesis (109139)

A. Look

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Human Bio & Translational Med 358

Control of Cell Proliferation by RB/E2F (109126)

Nicholas Dyson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Human Bio & Translational Med 358

Control of Cell Proliferation by RB/E2F (109126)

Nicholas Dyson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 359

Genetics of Neurodegenerative Disease (109127)

Mel Feany

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 359

Genetics of Neurodegenerative Disease (109127)

Mel Feany

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Human Bio & Translational Med 360

Molecular characterization of circulating tumor cells (109128)

Daniel Haber

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Human Bio & Translational Med 360

Molecular characterization of circulating tumor cells (109128)

Daniel Haber

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Human Bio & Translational Med 361

Molecular Approaches to Cell Immortalization and Transformation (109129)

William Hahn

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Human Bio & Translational Med 361

Molecular Approaches to Cell Immortalization and Transformation (109129)

William Hahn

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Human Bio & Translational Med 363

Recombination Functions of the BRCA Genes (109131)

Ralph Scully

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 363

Recombination Functions of the BRCA Genes (109131)

Ralph Scully

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Human Bio & Translational Med 365

Biology and Genetics of Human Cancers (109133)

Matthew Meyerson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Human Bio & Translational Med 365

Biology and Genetics of Human Cancers (109133)

Matthew Meyerson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 366

Molecular Genetics of Erythroid Iron Metabolism (109134)

Mark Fleming

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Human Bio & Translational Med 366

Molecular Genetics of Erythroid Iron Metabolism (109134)

Mark Fleming

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 367

Control of Endothelial Cell Fate and Vascular Development by Fluid Mechanical Forces (109135)

Guillermo Garcia-Cardena

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 367

Control of Endothelial Cell Fate and Vascular Development by Fluid Mechanical Forces (109135)

Guillermo Garcia-Cardena

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 369

DNA Damage Responses and Genomic Stability (109136)

Lee Zou

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 369

DNA Damage Responses and Genomic Stability (109136)

Lee Zou

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Human Bio & Translational Med 370

Integration of Metabolism and Stress Pathways (109137)

Nika Danial

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Human Bio & Translational Med 370

Integration of Metabolism and Stress Pathways (109137)

Nika Danial

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 373

Mechanisms of Acute and Chronic Allograft Rejection (109142)

Richard Mitchell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 373

Mechanisms of Acute and Chronic Allograft Rejection (109142)

Richard Mitchell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Human Bio & Translational Med 374

Cell Cycle, Ubiquitination and Protein Degradation, Cancer Research (109143)

Wenyi Wei

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Human Bio & Translational Med 374

Cell Cycle, Ubiquitination and Protein Degradation, Cancer Research (109143)

Wenyi Wei

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 375

The Molecular Genetics of Human Cancer (109144)

Pier Paolo Pandolfi

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 375

The Molecular Genetics of Human Cancer (109144)

Pier Paolo Pandolfi

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Human Bio & Translational Med 376

Hematopoietic stem cell biology and aging (109145)

Derrick Rossi

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 376

Hematopoietic stem cell biology and aging (109145)

Derrick Rossi

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Human Bio & Translational Med 377

Impact of Epigenetics On Cellular Homeostasis (109146)

Johnathan Whetstine

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Human Bio & Translational Med 377

Impact of Epigenetics On Cellular Homeostasis (109146)

Johnathan Whetstine

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Human Bio & Translational Med 378

Inherited basis for myocardial infarction (110226)

Sekar Kathiresan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Human Bio & Translational Med 378

Inherited basis for myocardial infarction (110226)

Sekar Kathiresan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 379

Molecular pathogenesis of pediatric cancer (110227)

Rani George

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Human Bio & Translational Med 379

Molecular pathogenesis of pediatric cancer (110227)

Rani George

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Human Bio & Translational Med 380

Viral evolution, Synthetic Virology, and Gene Therapy (110228)

Luk Vandenberghe

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Human Bio & Translational Med 380

Viral evolution, Synthetic Virology, and Gene Therapy (110228)

Luk Vandenberghe

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Human Bio & Translational Med 381

Neurodevelopmental and neurodegenerative disorders (110229)

Tracy Young-Pearse

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Human Bio & Translational Med 381

Neurodevelopmental and neurodegenerative disorders (110229)

Tracy Young-Pearse

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Human Bio & Translational Med 382

Inflammatory networks in cardiovascular disease (203792)

Matthias Nahrendorf

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 382

Inflammatory networks in cardiovascular disease (203792)

Matthias Nahrendorf

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 384

Neurobiology of neuropsychiatric disorders and therapeutics (203840)

Stephen Haggarty

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Human Bio & Translational Med 384

Neurobiology of neuropsychiatric disorders and therapeutics (203840)

Stephen Haggarty

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Human Bio & Translational Med 385

Functional Genomics of Obesity and Diabetes (204033)

Alexander Soukas

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 385

Functional Genomics of Obesity and Diabetes (204033)

Alexander Soukas

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Human Bio & Translational Med 387

Signal transduction and hollow organ pathophysiology (204034)

Rosalyn Adam

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 387

Signal transduction and hollow organ pathophysiology (204034)

Rosalyn Adam

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Human Bio & Translational Med 388

Enhancers in Blood Cell Development/Disease (207241)

Daniel Bauer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Human Bio & Translational Med 388

Enhancers in Blood Cell Development/Disease (207241)

Daniel Bauer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Subject: Genetics

Genetics 201

Principles of Genetics (113752)

Fred Winston

Maxwell Heiman

Thomas Bernhardt

Steven McCarroll

Jenna Galloway

2019 Fall (4 Credits) **Schedule:** MWF 0900 AM - 1020 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An in-depth survey of genetics, beginning with basic principles and extending to modern approaches and special topics. We will draw on examples from various systems, including bacteria, yeast, Drosophila, C. elegans, zebrafish, mouse, and human.

Course Notes: **Intended for first-year graduate students. Offered jointly with the Medical School as GN 701.0.**

Class Notes: **Classes will be held in Building C 114 (Cannon) and will run from September 4 through December 12, 2019.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Genetics 216

Advanced Topics in Gene Expression (111358)

Fred Winston

Robert Kingston

Stephen Buratowski

2020 Spring (4 Credits) **Schedule:** T 0330 PM - 0629 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

This course covers different topics in gene regulation, covering genetic, genomic, biochemical, and

molecular approaches. A small number of topics are discussed in depth, using the primary literature. Topics range from prokaryotic transcription to eukaryotic development.

Course Notes: **BCMP 310QC has merged with Genetics 216. Offered jointly with the Medical School as GN 703.0.**

Class Notes: **Classes will be held Jan 28 - May 5, in TMEC 130.**

Recommended Prep: **BCMP 200 and Genetics 201. All students taking Genetics 216 should read and be prepared to discuss the papers for the first meeting. The readings can be downloaded from the course website.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Genetics 228

Genetics in Medicine - From Bench to Bedside (121745)

David Sweetser

2020 Spring (4 Credits) **Schedule:** F 0200 PM - 0459 PM

Instructor Permissions: Instructor **Enrollment Cap:** 40

Focus on translational medicine: the application of basic genetic discoveries to human disease. Each three-hour class will focus on a specific genetic disorder and the approaches currently used to speed the transfer of knowledge from the laboratory to the clinic. Each class will include a clinical discussion, a patient presentation if appropriate, followed by lectures, a detailed discussion of recent laboratory findings and a student led journal club. Lecturers will highlight current molecular, technological, bioinformatic and statistical approaches that are being used to advance the study of human disease. There is no exam. Students will present one paper per session in a journal club style. Attendance and active participation for the duration of all class meetings is required. If you are unable to attend class, or cannot be present for the entire session you are expected to contact the course instructor. Two incomplete or missed sessions will result in a failing grade.

Please do not sign up if you know you will have to miss 2 or more sessions. For more information visit https://ecor.mgh.harvard.edu/Default.aspx?node_id=375

Course Notes: **Course will be held at MGH (transportation provided to MGH). Offered jointly with the Medical School as GN 711.0. Dental students should cross register for Genetics 228 on my.harvard to receive updated assignments and readings.**

Recommended Prep: **Genetics 201 or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 300

Advanced Topics in Genetics (108152)

Rosalind Segal

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A series of reading and discussion seminars, each running for a half term (seven weeks). Different topics are covered each term.

Course Notes: **Two seminars, which can be taken in different terms, are required for credit. Non-DMS students must get permission from the Division of Medical Sciences before registering for this course. Please contact us at 432-0162 or visit the DMS Office at T-MEC 435, 260 Longwood Avenue, Boston.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Genetics 300

Advanced Topics in Genetics (108152)

Rosalind Segal

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A series of reading and discussion seminars, each running for a half term (seven weeks). Different topics are covered each term.

Course Notes: **Two seminars, which can be taken in different terms, are required for credit. Non-DMS students must get permission from the Division of Medical Sciences before registering for this course. Please contact us at 432-0162 or visit the DMS Office at T-MEC 435, 260 Longwood Avenue, Boston.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Genetics 300QC

Advanced Topics in Genetics (127505)

Rosalind Segal

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A series of reading and discussion seminars, each running for a half term (7 weeks).

Course Notes: **Non-DMS students must get permission from the Division of Medical Sciences before registering for this course. Please contact us at 617-432-0162 or visit the DMS Office at T-MEC 435, 260 Longwood Avenue, Boston.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Genetics 300QC

Advanced Topics in Genetics (127505)

Rosalind Segal

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A series of reading and discussion seminars, each running for a half term (7 weeks).

Course Notes: **Non-DMS students must get permission from the Division of Medical Sciences before registering for this course. Please contact us at 617-432-0162 or visit the DMS Office at T-MEC 435, 260 Longwood Avenue, Boston.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Genetics 302QC

Teaching 101: Bringing Effective Teaching Practices to your Classroom (127555)

Gavin Porter

Deepali Ravel

2020 Spring (2 Credits) **Schedule:** W 1000 AM - 1159 AM

Instructor Permissions: Instructor **Enrollment Cap:** 12

A course to develop the skills of effective teaching. Primary focus is hands-on experience with objective-oriented lesson planning and execution, with emphasis on active learning techniques and how they can be

applied in both large and small enrollment classes.

Class Notes: **Classes will be held in TMEC 330, Feb 12 - Apr 15. Please note that on Wed, Mar 25, class is scheduled 10am - 3pm, in TMEC 328.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 303

Molecular Biology of Pathogenesis (111152)

Frederick Ausubel

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Genetics 303

Molecular Biology of Pathogenesis (111152)

Frederick Ausubel

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Genetics 303L

Craniofacial Developmental Biology (156720)

Eric Liao

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Genetics 303L

Craniofacial Developmental Biology (156720)

Eric Liao

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Genetics 304

Molecular Genetics Basis of Human Disease, Particularly Cardiovascular Pathogenesis (112845)

Christine Seidman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Genetics 304

Molecular Genetics Basis of Human Disease, Particularly Cardiovascular Pathogenesis (112845)

Christine Seidman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Genetics 305

Centrosomes, Cilia, Cysts and Diseases (114752)

Jing Zhou

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Genetics 305

Centrosomes, Cilia, Cysts and Diseases (114752)

Jing Zhou

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Genetics 306

Inherited Human Disorders (121121)

Jonathan Seidman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 306

Inherited Human Disorders (121121)

Jonathan Seidman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Genetics 307

Regeneration in Axolotls (160766)

Jessica Whited

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Genetics 307

Regeneration in Axolotls (160766)

Jessica Whited

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course

FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Genetics 308

Molecular Biology of Signal Transduction (116507)

Brian Seed

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Genetics 308

Molecular Biology of Signal Transduction (116507)

Brian Seed

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Genetics 309

Gene Expression in Yeast (113402)

Fred Winston

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Genetics 309

Gene Expression in Yeast (113402)

Fred Winston

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 310

Molecular Genetics of Neural Development and Gene Therapy to Prevent Blindness (118193)

Connie Cepko

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Genetics 310

Molecular Genetics of Neural Development and Gene Therapy to Prevent Blindness (118193)

Connie Cepko

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Genetics 311

Molecular Mechanisms of Transcription Regulation in Mammals (121057)

Robert Kingston

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Genetics 311

Molecular Mechanisms of Transcription Regulation in Mammals (121057)

Robert Kingston

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Genetics 312

Genetic analysis of small RNA pathways and surveillance of core cellular systems (123512)

Gary Ruvkun

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Genetics 312

Genetic analysis of small RNA pathways and surveillance of core cellular systems (123512)

Gary Ruvkun

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Genetics 313

Genomic Approaches to Human Disease Genetics (117268)

David Altshuler

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Genetics 313

Genomic Approaches to Human Disease Genetics (117268)

David Altshuler

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Genetics 314

The Origin of Cellular Life (120754)

Jack Szostak

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Genetics 314

The Origin of Cellular Life (120754)

Jack Szostak

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Genetics 315

Molecular Genetics of Inherited Disorders (112919)

James Gusella

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Genetics 315

Molecular Genetics of Inherited Disorders (112919)

James Gusella

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Genetics 316

Transcription Factors and DNA Regulatory Elements (117269)

Martha Bulyk

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Genetics 316

Transcription Factors and DNA Regulatory Elements (117269)

Martha Bulyk

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 317

Signaling Networks in Development and Disease (111381)

Jordan Kreidberg

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Genetics 317

Signaling Networks in Development and Disease (111381)

Jordan Kreidberg

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Genetics 318

Genome Structure (114865)

George Church

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Genetics 318

Genome Structure (114865)

George Church

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Genetics 320

Genetics of Common Human Disease (126368)

Mark Daly

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 320

Genetics of Common Human Disease (126368)

Mark Daly

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Genetics 321

Genetic Analysis of Growth and Homeostasis (118751)

Norbert Perrimon

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Genetics 321

Genetic Analysis of Growth and Homeostasis (118751)

Norbert Perrimon

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Genetics 322

Vertebrate Pattern Formation (113859)

Clifford Tabin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 322

Vertebrate Pattern Formation (113859)

Clifford Tabin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Genetics 323

Molecular Biology of V(D)J Recombination (143860)

Marjorie Oettinger

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 323

Molecular Biology of V(D)J Recombination (143860)

Marjorie Oettinger

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Genetics 325

Human Genetics, Genomics and Complex Traits (117273)

Joel Hirschhorn

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Genetics 325

Human Genetics, Genomics and Complex Traits (117273)

Joel Hirschhorn

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Genetics 325L

Kleinstiver lab (215769)

Benjamin Kleinstiver

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 326

Human Molecular and Cancer Genetics (114753)

David Kwiatkowski

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Genetics 326

Human Molecular and Cancer Genetics (114753)

David Kwiatkowski

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Genetics 327

Systems Biology of Mammalian Cell Fate Decisions (126370)

Suzanne Gaudet

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Genetics 327

Systems Biology of Mammalian Cell Fate Decisions (126370)

Suzanne Gaudet

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Genetics 328

Lymphocyte Differentiation, Recombination, DNA Repair, Cancer (111897)

Frederick Alt

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 328

Lymphocyte Differentiation, Recombination, DNA Repair, Cancer (111897)

Frederick Alt

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Genetics 329

Genetic Analysis of Synaptic Transmission (117637)

Joshua Kaplan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Genetics 329

Genetic Analysis of Synaptic Transmission (117637)

Joshua Kaplan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Genetics 331

Developmental Oncobiology and Cancer Stem Cells (126371)

Zhe Li

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Genetics 331

Developmental Oncobiology and Cancer Stem Cells (126371)

Zhe Li

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Genetics 332

Combining genetic and biochemical approaches to elucidate mechanisms underlying cancer (115971)

Karen Cichowski

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Genetics 332

Combining genetic and biochemical approaches to elucidate mechanisms underlying cancer (115971)

Karen Cichowski

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 333

Computational biology of transcriptional and epigenetic regulation (109352)

Xiaole (Shirley) Liu

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Genetics 333

Computational biology of transcriptional and epigenetic regulation (109352)

Xiaole (Shirley) Liu

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Genetics 334

Genomics and the Genetics of Human Disease (117271)

Raju Kucherlapati

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Genetics 334

Genomics and the Genetics of Human Disease (117271)

Raju Kucherlapati

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 335

Genetics, epigenetics, gene regulation, evolution, disease (114764)

Chao-ting Wu

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Genetics 335

Genetics, epigenetics, gene regulation, evolution, disease (114764)

Chao-ting Wu

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Genetics 336

Developmental Biology of Hematopoiesis (120540)

Leonard Zon

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Genetics 336

Developmental Biology of Hematopoiesis (120540)

Leonard Zon

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Genetics 337

Human Molecular Genetics (120637)

Stuart Orkin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Genetics 337

Human Molecular Genetics (120637)

Stuart Orkin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Genetics 338

Epigenetic inheritance and small regulatory RNAs (159949)

Scott Kennedy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Genetics 338

Epigenetic inheritance and small regulatory RNAs (159949)

Scott Kennedy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Genetics 339

Mechanisms of Heritable Epigenetics (160777)

Eric Greer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course

FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 339

Mechanisms of Heritable Epigenetics (160777)

Eric Greer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 340L

Mechanisms of microtubule organization (203801)

Radhika Subramanian

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 340L

Mechanisms of microtubule organization (203801)

Radhika Subramanian

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Genetics 341

Development and Homeostasis of the Skeleton (124135)

Matthew Warman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Genetics 341

Development and Homeostasis of the Skeleton (124135)

Matthew Warman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Genetics 342

Genetic Analysis of Zebrafish Kidney Organogenesis (124201)

Iain Drummond

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Genetics 342

Genetic Analysis of Zebrafish Kidney Organogenesis (124201)

Iain Drummond

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Genetics 343

Zebrafish Cardiovascular Development and Regeneration (110244)

Charles Burns

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 343

Zebrafish Cardiovascular Development and Regeneration (110244)

Charles Burns

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Genetics 344

Computational Genomics (124202)

Peter Park

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Genetics 344

Computational Genomics (124202)

Peter Park

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Genetics 345

Computational Biology of Cancer (160951)

Franziska Michor

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Genetics 345

Computational Biology of Cancer (160951)

Franziska Michor

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Genetics 347

Ras signaling and colon cancer (107886)

Kevin Haigis

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Genetics 347

Ras signaling and colon cancer (107886)

Kevin Haigis

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Genetics 348

The Regenerative Biology of Tendons and Ligaments (156719)

Jenna Galloway

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Genetics 348

The Regenerative Biology of Tendons and Ligaments (156719)

Jenna Galloway

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Genetics 349

Current Tools for Gene Analysis (156915)

Neena Haider

2020 Spring (4 Credits) **Schedule:** TR 1000 AM - 1159 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

The goal of this course is to apply a number of genomic tools over the course of a semester-long guided research project, learn how to utilize the complimentary statistical tools for analysis, and to discuss the strategies and final data presentation from published papers. Using example sequence datasets, students will analyze differential gene expression and changes. The class will explore the featured tool, related statistical methods together in an interactive manner followed by a discussion of the tools/stats as seen in published work. After taking this class students will be able to apply each online tool to their own research and will be able to identify and use new genomic resources to address future research directions.

Course Notes: **Students will need to bring a laptop to class each day.**

Class Notes: **Classes meet Feb 4 - Apr 9, in TMEC 445.**

Recommended Prep: **Genetics 201 or with permission from the instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

FAS: Course Level	Graduate Course

Genetics 350

Genetic Regulation of Organogenesis and Organ Regeneration (114732)

Richard Maas

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Genetics 350

Genetic Regulation of Organogenesis and Organ Regeneration (114732)

Richard Maas

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 351L

Musculo-skeletal development (203793)

Olivier Pourquie

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Genetics 351L

Musculo-skeletal development (203793)

Olivier Pourquie

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Genetics 352

Cardiovascular Development and Disease, Muscle Biology (127376)

Da-Zhi Wang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 352

Cardiovascular Development and Disease, Muscle Biology (127376)

Da-Zhi Wang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Genetics 353

Genetics of Human Disease (122745)

Susan Slaugenhaupt

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Genetics 353

Genetics of Human Disease (122745)

Susan Slaugenhaupt

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Genetics 355

Molecular Genetics of Human Neuromuscular Diseases (126288)

Alan Beggs

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Genetics 355

Molecular Genetics of Human Neuromuscular Diseases (126288)

Alan Beggs

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 356

Research in Molecular Cytogenetics (107887)

Cynthia Morton

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Genetics 356

Research in Molecular Cytogenetics (107887)

Cynthia Morton

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Genetics 357

Lung Stem Cell Biology and Cancer (123104)

Carla Kim

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Genetics 357

Lung Stem Cell Biology and Cancer (123104)

Carla Kim

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Genetics 358

Developmental Neurobiology and Genetics (123342)

Susan Dymecki

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Genetics 358

Developmental Neurobiology and Genetics (123342)

Susan Dymecki

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 359

Cancer and development, intestinal development/differentiation (117740)

Ramesh Shivdasani

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 359

Cancer and development, intestinal development/differentiation (117740)

Ramesh Shivdasani

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Genetics 360

Microtubule Associated RNAs During Mitosis (123002)

Michael Demian Blower

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Genetics 360

Microtubule Associated RNAs During Mitosis (123002)

Michael Demian Blower

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 361

Epigenetic regulation by long noncoding RNAs (125583)

Jeannie Lee

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Genetics 361

Epigenetic regulation by long noncoding RNAs (125583)

Jeannie Lee

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Genetics 362

Molecular Biology and Genetics of Cancer (126670)

David Livingston

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Genetics 362

Molecular Biology and Genetics of Cancer (126670)

David Livingston

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Genetics 366

Molecular Genetic Approaches to Human Disease Mechanisms (110421)

Marcy MacDonald

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Genetics 366

Molecular Genetic Approaches to Human Disease Mechanisms (110421)

Marcy MacDonald

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Genetics 368

Molecular Genetics of Aging and Neurodegenerative Disorders (128166)

Bruce Yankner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Genetics 368

Molecular Genetics of Aging and Neurodegenerative Disorders (128166)

Bruce Yankner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Genetics 369

Molecular Mechanisms of Plant Signal Transduction (115351)

Jen Sheen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 369

Molecular Mechanisms of Plant Signal Transduction (115351)

Jen Sheen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Genetics 370

Molecular Basis of Breast Cancer Initiation and Progression (115356)

Kornelia Polyak

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 370

Molecular Basis of Breast Cancer Initiation and Progression (115356)

Kornelia Polyak

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Genetics 371

Functional Genomics and Proteomics (115465)

Marc Vidal

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Genetics 371

Functional Genomics and Proteomics (115465)

Marc Vidal

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Genetics 372

Molecular Mechanisms of Aging and Age Related Diseases (128167)

David Sinclair

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 372

Molecular Mechanisms of Aging and Age Related Diseases (128167)

David Sinclair

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 373

Kidney Disease, Genetics, Cytoskeleton (117272)

Martin Pollak

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 373

Kidney Disease, Genetics, Cytoskeleton (117272)

Martin Pollak

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Genetics 374

Mechanisms underlying accurate meiotic chromosome segregation (120007)

Monica Colaiacovo

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 374

Mechanisms underlying accurate meiotic chromosome segregation (120007)

Monica Colaiacovo

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Genetics 376

Cell Cycle Control and Genomic Integrity (120008)

Stephen Elledge

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Genetics 376

Cell Cycle Control and Genomic Integrity (120008)

Stephen Elledge

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Genetics 377

Molecular Genetics of Chromosome Organization and Gene Expression (120009)

Mitzi Kuroda

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Genetics 377

Molecular Genetics of Chromosome Organization and Gene Expression (120009)

Mitzi Kuroda

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Genetics 378

Aging, Stress Defenses, and Developmental Gene Regulation in C. elegans (128168)

T. Keith Blackwell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Genetics 378

Aging, Stress Defenses, and Developmental Gene Regulation in C. elegans (128168)

T. Keith Blackwell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Genetics 379

Applying Population Genetics to Find Disease Genes (119612)

David Reich

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Genetics 379

Applying Population Genetics to Find Disease Genes (119612)

David Reich

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Genetics 380

Molecular Approaches to Metabolism and Energy Balance (120011)

Evan Rosen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 380

Molecular Approaches to Metabolism and Energy Balance (120011)

Evan Rosen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Genetics 382

Muscle Stem Cell Commitment and Differentiation (120180)

Emanuela Gussoni

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Genetics 382

Muscle Stem Cell Commitment and Differentiation (120180)

Emanuela Gussoni

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Genetics 383L

Genome structure and function, Neuropsychiatric genomics (204036)

Michael Talkowski

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 383L

Genome structure and function, Neuropsychiatric genomics (204036)

Michael Talkowski

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 385

Cell Cycle Proteins in Development and Cancer (128169)

Peter Sicinski

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Genetics 385

Cell Cycle Proteins in Development and Cancer (128169)

Peter Sicinski

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Genetics 387

Stem Cells and Developmental Biology (125403)

Chad Cowan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Genetics 387

Stem Cells and Developmental Biology (125403)

Chad Cowan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Genetics 388

Genetics of Neuronal Morphogenesis and Connectivity in C. Elegans (127400)

Maxwell Heiman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 388

Genetics of Neuronal Morphogenesis and Connectivity in C. Elegans (127400)

Maxwell Heiman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 389

Epigenomics of Allele-Specific Expression (128170)

Alexander Gimelbrant

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Genetics 389

Epigenomics of Allele-Specific Expression (128170)

Alexander Gimelbrant

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Genetics 390QC

Advanced Experimental Methods: Experimental Approaches in Genetic Analysis (125362)

Fred Winston

Michaelyn Hartmann

Eric Greer

Matthew Warman

Aleksandar Kostic

Matthew Harris

David Sinclair

Cynthia Morton

Chao-ting Wu

2020 Spring (2 Credits) **Schedule:** MTWRFSS 0830 AM - 0600 PM

Instructor Permissions: Instructor **Enrollment Cap:** 8

The goal of this course is to provide a survey of major topics and themes in genetics and genetic analysis in conjunction with exposure to a variety of experimental techniques, technologies, and model systems. Building on fundamental principles learned in Genetics 201, students will gain knowledge and hands-on experience in using genetic approaches to address biologically relevant questions in a variety of experimental systems, such as Drosophila, yeast, C. elegans, and humans. The course will combine lectures and hands-on laboratory activities emphasizing experimental methods, hypothesis generation and testing, and data analysis.

Students will be graded on a pass/fail basis. In order to earn a passing grade and receive credit for this course, students must attend and arrive prepared for every course session. Students must also complete daily evaluations of course activities and a final overall course evaluation.

Course Notes: **This is an intensive January course. Priority will be given to first year graduate students. Students must first contact the faculty for enrollment approval prior to registration for the course. Meeting Dates/Times: Approximately 8:30am - 6:00pm each day for 8 days.**

Class Notes: **2020 Schedule**

Tuesday, Jan 14th : Greer lab – Introduction to C. elegans

Wednesday, Jan 15th: Wu lab – Introduction to Drosophila

Thursday, Jan 16th: Winston lab – Introduction to Yeast

Saturday, Jan 18th: Morton lab – Human Cytogenetics

Sunday, Jan 19th: Warman lab – Mouse and Human genetics

Tuesday, Jan 21st: Kostic lab – Bacterial Genetics

Wednesday, Jan 22nd: Harris Lab – Introduction to Zebrafish

Friday, Jan 24th: Sinclair Lab – Introduction to Mouse Genetics

Recommended Prep: **Students must also enroll in or have taken Genetics 201, or obtain permission from the instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Genetics 391

Genetic and genomic basis of biological variation (127407)

Steven McCarroll

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Genetics 391

Genetic and genomic basis of biological variation (127407)

Steven McCarroll

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Genetics 392

Self-Renewal and Cancer (108113)

David Langenau

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Genetics 392

Self-Renewal and Cancer (108113)

David Langenau

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Genetics 393

Genetic basis of skeletal development and evolution (128192)

Matthew Harris

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 393

Genetic basis of skeletal development and evolution (128192)

Matthew Harris

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 394

How transcriptional networks rewire neuronal circuits (107885)

Jesse Gray

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Genetics 394

How transcriptional networks rewire neuronal circuits (107885)

Jesse Gray

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Genetics 395

Regulation of global gene expression at high resolution (107761)

Stirling Churchman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Genetics 395

Regulation of global gene expression at high resolution (107761)

Stirling Churchman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Genetics 396

Genome Editing and Epigenome Editing (108111)

Keith Joung

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Genetics 396

Genome Editing and Epigenome Editing (108111)

Keith Joung

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Genetics 397

Immunogenomics (107630)

Soumya Raychaudhuri

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Genetics 397

Immunogenomics (107630)

Soumya Raychaudhuri

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Genetics 398

Epigenetic regulation in stem cell/development & disease (109349)

Yi Zhang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Genetics 398

Epigenetic regulation in stem cell/development & disease (109349)

Yi Zhang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Subject: Cell Biology

Cell Biology 201

Principles of Cell Biology (108339)

John Hanna
Sichen Shao
Steven Gygi
Jennifer Waters
Alan Brown
Edward Chouchani
Jack Szostak
Brendan Manning
Sanja Sever
Saoirse McSharry

Radhika Subramanian
David Pellman
Danesh Moazed
Malcolm Whitman
Pere Puigserver
Taru Muranen
Elaine Elion
Marc Kirschner
Senthil Muthuswamy
Timothy Mitchison
Daniel Finley
Adrian Salic
David Van Vactor
Joan Brugge
Wade Harper

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 113

CB201 is a graduate level course in which students examine both fundamental and novel concepts and methodologies in cell biology with expert faculty from the field. Through content lectures, methods lectures, and discussion sections, students will explore a broad range of topics including: the molecular basis of cellular organization, subcellular compartmentalization, protein trafficking, chromosome organization and epigenetics, regulated ubiquitin-proteasome pathways, cell cycle regulation, cell death, signal transduction, phase separation, and more.

By the end of this course, students should be able to:

Evaluate primary scientific literature from a broad range of topics in cell biology;

Identify current questions in cell biology and the co-evolving methodologies used to address those questions;

Design appropriate experimental approaches to address hypotheses related to cell biology.

Course Notes: **Methodological focus on current approaches in cell biology including quantitative tools. Emphasis on experimental design. Offered jointly with the Medical School as CB 713.0.**

Class Notes: **Classes will meet Jan 27 - May 1, in the Cannon Room. Please note that mandatory methods lectures will be held in addition to regular classes on 2/4, 2/18, 3/24, and 4/14, from 3:30-5:00pm.**

Recommended Prep: **Basic knowledge in biochemistry, genetics, and cell biology.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Cell Biology 207

Development, Stem Cells and Regeneration (111215)

Andrew Lassar
John Flanagan
Jordan Kreidberg
Sean Megason
Jessica Lehoczky
Olivier Pourquie
Guillermo Garcia-Cardena

2020 Spring (4 Credits)

Schedule: W 0230 PM - 0429 PM
M 0200 PM - 0400 PM

Instructor Permissions: Instructor

Enrollment Cap: 12

This course is evenly divided between lectures and conference sessions which cover the principles that guide vertebrate development and stem cell maintenance in various renewing tissues; in addition, we discuss how these principals can be leveraged to generate cells/tissues for regenerative biology or disease modeling in vitro. Specific topics include a molecular dissection of the signaling pathways, gene regulatory networks, and epigenetic mechanisms that control primary axis formation and regional specification, establishment of cell fate, homeotic genes and patterning, cell migration and cell-cell signalling, organoid models of nervous system development and their application, axon development and regeneration, neuromuscular development and mechanistic insights for human birth defects, skeletal muscle stem cells in aging and disease, morphogenesis of branched tubular systems, vasculogenesis, biomechanical regulation of developmental processes, limb development and regeneration, stem cell maintenance in various renewing tissues, germ cells and pluripotency, and directed differentiation of ES and iPS cells for regeneration and disease modeling. We will discuss how state of the art technologies in iPS organoids, cell lineage labeling, genetic manipulation, and genome wide epigenomic/transcriptomic analyses can be employed to study organ development, stem cells and regeneration.

Students employ the knowledge gained by lectures and conference sessions to identify two interesting new research goals in either vertebrate development, stem cell, or regenerative biology and present research proposals to achieve these goals. Thus, a goal of this course is for students to learn how to synthesize the literature to come up with their own novel research ideas, and develop a strategy to investigate their hypotheses.

Course Notes: **Offered jointly with the Medical School as CB 710.0. Includes lectures and conference sessions in which original literature is discussed in depth. There is no exam. Each student presents two short research proposals for group discussion.**

Class Notes: **This course will run from Mon, Jan 27 - Wed, May 13. First meeting location: Warren Alpert 563. Subsequent lcetures: Armenise 506.**

Recommended Prep: **Introductory courses in both Cell and Molecular Biology.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students

Cell Biology 211

Molecular and Systems Level Cancer Cell Biology (116737)

Peter Sicinski

Jelena Patrnogic

Yan Geng

2020 Spring (4 Credits) **Schedule:** MW 0100 PM - 0229 PM

Instructor Permissions: Instructor **Enrollment Cap:** 32

Examines the molecular basis of cancer formation including topics such as cancer epigenetic, tumor heterogeneity, systems biology proteomic approaches to study cancer, immune therapies in cancer, and therapeutic development.

Course Notes: **Given alternate years with Cell Biology 212. Offered jointly with the Medical School as CB 704.0.**

Recommended Prep: **General knowledge of biochemistry, molecular genetics, and cell biology.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Cell Biology 235

History and Philosophy of Experimentation in Biology (156733)

David Glass

Janet Browne

Ned Hall

2019 Fall (4 Credits) **Schedule:** T 0630 PM - 0829 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

How did developments in philosophy of science, technology, and statistics relate to practices in biology over time? We will trace the influence of particular philosophical arguments concerning science that have developed over the last 500 years, following the development of distinct types of "Scientific Method" in biology. The course will offer a foundation for exploring how today's dominant scientific method relates to scientific research, medicine, and society's popular understanding of science, and may help give perspective as to how modern practices of scientific method have come to be. Learning of alternate approaches to science and scientific epistemology might be of particular importance now, given current controversies relating to the reproducibility of many published findings.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	For Undergraduate and Graduate Students

Cell Biology 300

Advanced Topics in Cell, Molecular, and Developmental Biology (116986)

Rosalind Segal

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A series of reading and discussion seminars, each running for a half term (seven weeks). Different topics are covered each term.

Course Notes: **Two seminars, which can be taken in different terms, are required for credit. Non-DMS students must get permission from the Division of Medical Sciences before registering for this course. Please contact us at 617-432-0162 or visit the DMS Office at T-MEC 435, 260 Longwood Avenue, Boston.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Cell Biology 300

Advanced Topics in Cell, Molecular, and Developmental Biology (116986)

Rosalind Segal

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A series of reading and discussion seminars, each running for a half term (seven weeks). Different topics are covered each term.

Course Notes: **Two seminars, which can be taken in different terms, are required for credit. Non-DMS students must get permission from the Division of Medical Sciences before registering for this course. Please contact us at 617-432-0162 or visit the DMS Office at T-MEC 435, 260 Longwood Avenue, Boston.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Cell Biology 300QC

Advanced Topics in Cell, Molecular, and Developmental Biology (127504)

Rosalind Segal

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A series of reading and discussion seminars, each running for a half term (7 weeks).

Course Notes: **Non-DMS students must get permission from the Division of Medical Sciences before registering for this course. Please contact us at 617-432-0162 or visit the DMS Office at T-MEC 435, 260 Longwood Avenue, Boston.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Cell Biology 300QC

Nanocourses (127504)

Rosalind Segal

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Students can enroll for 2 credit units for every three nanocourses completed through the HMS Curriculum Fellows Program. For questions about bundling and applying nanocourse credits, contact dms_courses@hms.harvard.edu.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Cell Biology 301QC

The Epidemiology and Molecular Pathology of Cancer (127478)

Massimo Loda

Kathryn Penney

2020 Spring (2 Credits) **Schedule:** MTWRF 0900 AM - 0459 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

This January course will provide students with an in-depth introduction to the epidemiology and molecular pathology of cancer. We will explore multiple types of cancer, including breast, colon, lung, prostate and brain, through a series of lectures and hands-on practice tutorials. These tutorials will include training in molecular pathology techniques, state of the art image analysis of human biomarkers, tissue processing, immunohistochemistry, and tumor histology. In addition, the epidemiology, genetics, and relevant signal

transduction pathways of cancer will be highlighted.

Course Notes: **Lunch is provided.**

Class Notes: **This course will run from Jan 6 - 15. First meeting location: TMEC 302 (Holmes lab).**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Cell Biology 304QC

Introduction to Human Gross Anatomy for Graduate Students and other Researchers (127989)

Gerald Greenhouse

Everett Anderson

Mohini Lutchman

2020 Spring (2 Credits) **Schedule:** MWF 1200 PM - 0659 PM

Instructor Permissions: Instructor **Enrollment Cap:** 24

Lectures, laboratory dissections, and prosections will provide students an opportunity to explore the gross structure and function of the human body. The course will provide a foundation for the student to acquire practical skills in recognizing, dissecting, and differentiating key anatomical structures. Structure/function relationships will be emphasized and some foundation will be provided for understanding the anatomic basis of diseases. Histological considerations will be discussed where appropriate. Each of the 15 sessions will include a lecture, 3 hours of dissection, and an evening guest lecturer on clinical or research aspects related to the dissections (supper provided).

Course Notes: **Open to graduate and undergraduate students, postdoctoral fellows, and research assistants. Students must sign up during the Spring semester sign up period.**

Class Notes: **Classes will be held Jun 15 - Jul 22, in TMEC 447.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Cell Biology 306

Chromatin Dynamics in metabolism and DNA repair (126365)

Raul Mostoslavsky

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Cell Biology 306

Chromatin Dynamics in metabolism and DNA repair (126365)

Raul Mostoslavsky

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Cell Biology 306QC

Teaching 100: The Theory and Science of Teaching (107400)

Bradley Coleman

Johanna Gutlerner

2019 Fall (2 Credits) **Schedule:** R 0200 PM - 0429 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

For many graduate students and medical educators, teaching will be part of their career, whether as mentoring, formal classroom teaching, or teaching in the hospital. In addition, the theory and research evidence accumulating in the disciplines of cognitive psychology, neuroscience, and from STEM classrooms, has turned the question of "How do we best teach science?" into its own scientific discipline. The Theory and Science of Teaching focuses on understanding why certain teaching methods are effective by examining the scientific research and theoretical frameworks that support these methods. We will read and discuss foundational educational and cognitive psychology texts and primary literature, and then develop course materials that allow us to put these ideas into practice.

***Make It Stick*, by Brown, Roediger and McDaniel is required pre-reading and should be completed before the first day of class.**

Course Notes: **The course has been designed as a companion to Genetics 302qc: Teaching 101, but neither course is a prerequisite of the other.**

Class Notes: **Class begins on October 3, 2019 and runs through November 21, 2019. Classes will be held in TMEC 128.**

Recommended Prep: **Make It Stick, by Brown, Roediger and McDaniel is required pre-**

reading and should be completed before the first day of class.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Cell Biology 307

Cell-Cell Signaling in Neural Development and Regeneration (111101)

John Flanagan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Cell Biology 307

Cell-Cell Signaling in Neural Development and Regeneration (111101)

John Flanagan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Cell Biology 307QC

Molecular Aspects of Chromatin Dynamics (107455)

Raul Mostoslavsky
Danesh Moazed
Lee Zou
Johnathan Whetstine
Christopher Ott

2020 Spring (2 Credits) **Schedule:** MR 0300 PM - 0459 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will discuss the role of chromatin dynamics in modulating molecular and cellular processes. The genetic information encoded in our DNA is organized in a defined set of chromosomes, which are condensed about 10.000 fold in order to fit in the cell nucleus. This compaction occurs through packaging of the DNA around histone proteins, a structure known as chromatin. In what was thought to be a rigid structure, today we know that chromatin is an amazingly dynamic folding that plays a crucial role in controlling accessibility of factors to the DNA, and as such, it regulates a vast number of critical biological functions, including gene transcription, DNA replication, DNA repair and cellular identity. In this course we will attempt to cover some of the basic molecular mechanisms that play a role in regulating chromatin dynamics, and in turn how chromatin itself modulate biological processes, including basic mechanisms of inheritance. We will specifically discuss the role of DNA methylation, histone modifications, nucleosome dynamics and novel epigenetic modulators in the context of different biological processes for which chromatin accessibility appears to play a crucial role.

Course Notes: **The course consists of 12 sessions, 1.5 hr each session; 8 regular Sessions, 4 Discussion Sessions.**

Class Notes: **Classes meet Mar 30 - May 21, in TMEC 446.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Cell Biology 310

Mechanisms of Vertebrate Hedgehog Signaling (121563)

Adrian Salic

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Cell Biology 310

Mechanisms of Vertebrate Hedgehog Signaling (121563)

Adrian Salic

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Cell Biology 310L

Mitochondrial redox control over pathophysiology (215789)

Edward Chouchani

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Cell Biology 311

Cardiovascular Signal Transduction (117256)

Thomas Michel

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Cell Biology 311

Cardiovascular Signal Transduction (117256)

Thomas Michel

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Cell Biology 312

Molecular Mechanisms of Transcriptional Control (117257)

Anders Naar

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Cell Biology 312

Molecular Mechanisms of Transcriptional Control (117257)

Anders Naar

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Cell Biology 313

Systems Biology of Mammalian Signal Transduction (126366)

Peter Sorger

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Cell Biology 313

Systems Biology of Mammalian Signal Transduction (126366)

Peter Sorger

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Cell Biology 314

Molecular Biology of Extracellular Matrix (115128)

Yingzi Yang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Cell Biology 314

Molecular Biology of Extracellular Matrix (115128)

Yingzi Yang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Cell Biology 316

Mechanism and Function of Intracellular Protein Turnover (107782)

Alfred Goldberg

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Cell Biology 316

Mechanism and Function of Intracellular Protein Turnover (107782)

Alfred Goldberg

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Cell Biology 317

Mechanisms of Programmed Cell Death (111380)

Junying Yuan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Cell Biology 317

Mechanisms of Programmed Cell Death (111380)

Junying Yuan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Cell Biology 318

Molecular Biology of Cell Growth Regulation and Transformation (112913)

John Blenis

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Cell Biology 318

Molecular Biology of Cell Growth Regulation and Transformation (112913)

John Blenis

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Cell Biology 319

Signaling Pathways in Cancer Cell Biology (109148)

Alex Toker

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Cell Biology 319

Signaling Pathways in Cancer Cell Biology (109148)

Alex Toker

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Cell Biology 321

Neuronal Pathfinding and Synaptogenesis (114269)

David Van Vactor

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Cell Biology 321

Neuronal Pathfinding and Synaptogenesis (114269)

David Van Vactor

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Cell Biology 323L

Cellular lipid metabolism (203781)

Robert Farese

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Cell Biology 323L

Cellular lipid metabolism (203781)

Robert Farese

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Cell Biology 325

Molecular and Cellular Regulators of Cancer Progression (127374)

Sandra McAllister

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Cell Biology 325

Molecular and Cellular Regulators of Cancer Progression (127374)

Sandra McAllister

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Cell Biology 326

Signal Transduction During Early Development (111066)

Malcolm Whitman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Cell Biology 326

Signal Transduction During Early Development (111066)

Malcolm Whitman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Cell Biology 328

Single-Molecule Biology and Visualization of Cellular Dynamics (139184)

Tomas Kirchhausen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Cell Biology 328

Single-Molecule Biology and Visualization of Cellular Dynamics (139184)

Tomas Kirchhausen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Cell Biology 329

The Ubiquitin-Proteasome Pathway (119495)

Daniel Finley

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Cell Biology 329

The Ubiquitin-Proteasome Pathway (119495)

Daniel Finley

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Cell Biology 330L

Lipid and Membrane Homeostasis (203804)

Tobias Walther

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Cell Biology 330L

Lipid and Membrane Homeostasis (203804)

Tobias Walther

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Cell Biology 332

Mass Spectrometry and Proteomics (115968)

Steven Gygi

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Cell Biology 332

Mass Spectrometry and Proteomics (115968)

Steven Gygi

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Cell Biology 333

Electron Microscopic Structure Determination (114751)

Thomas Walz

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Cell Biology 333

Electron Microscopic Structure Determination (114751)

Thomas Walz

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Cell Biology 334L

Adipocyte development and energy metabolism (203841)

Yu-Hua Tseng

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Cell Biology 334L

Adipocyte development and energy metabolism (203841)

Yu-Hua Tseng

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Cell Biology 336

Signal Transduction in Normal and Transformed Cells (119551)

Joan Brugge

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Cell Biology 336

Signal Transduction in Normal and Transformed Cells (119551)

Joan Brugge

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Cell Biology 339

Cell Morphogenesis and Regulation (113489)

Marc Kirschner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Cell Biology 339

Cell Morphogenesis and Regulation (113489)

Marc Kirschner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Cell Biology 343

Mechanisms of Mammalian Cell Differentiation and Gene Expression (111198)

Bruce Spiegelman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Cell Biology 343

Mechanisms of Mammalian Cell Differentiation and Gene Expression (111198)

Bruce Spiegelman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Cell Biology 344

Molecular Mechanism of Signal Transduction (117770)

Xi He

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Cell Biology 344

Molecular Mechanism of Signal Transduction (117770)

Xi He

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Cell Biology 345

Protein Transport Across the Endoplasmic Reticulum Membrane (119350)

Tom Rapoport

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Cell Biology 345

Protein Transport Across the Endoplasmic Reticulum Membrane (119350)

Tom Rapoport

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Cell Biology 348

Transcriptional Regulation and Epigenetics in Breast and Prostate Cancer (110253)

Myles Brown

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Cell Biology 348

Transcriptional Regulation and Epigenetics in Breast and Prostate Cancer (110253)

Myles Brown

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Cell Biology 349

Gene Silencing and Chromosome Structure (124315)

Danesh Moazed

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Cell Biology 349

Gene Silencing and Chromosome Structure (124315)

Danesh Moazed

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Cell Biology 353L

Regulated protein degradation (203806)

John Hanna

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Cell Biology 353L

Regulated protein degradation (203806)

John Hanna

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Cell Biology 354

Basic and Applied Mechanisms of Intracellular Transport (112504)

Victor Hsu

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Cell Biology 354

Basic and Applied Mechanisms of Intracellular Transport (112504)

Victor Hsu

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Cell Biology 358

Mechanisms of Tumor Metastasis (143098)

Bruce Zetter

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Cell Biology 358

Mechanisms of Tumor Metastasis (143098)

Bruce Zetter

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Cell Biology 359

Intracellular Signaling Pathways in the Regulation of Cell Growth and Differentiation (110416)

David Frank

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Cell Biology 359

Intracellular Signaling Pathways in the Regulation of Cell Growth and Differentiation (110416)

David Frank

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Cell Biology 360

Genetic Control of Apoptosis in Drosophila (115969)

Kristin White

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Cell Biology 360

Genetic Control of Apoptosis in Drosophila (115969)

Kristin White

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Cell Biology 365

Mechanism and Biology of Ubiquitin-like Protein Conjugation Cascades (128171)

Wade Harper

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Cell Biology 365

Mechanism and Biology of Ubiquitin-like Protein Conjugation Cascades (128171)

Wade Harper

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Cell Biology 366

Mitochondria in Aging and Metabolism (128172)

Marcia Haigis

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Cell Biology 366

Mitochondria in Aging and Metabolism (128172)

Marcia Haigis

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Cell Biology 369L

Protein structure by high-resolution electron microscopy (203788)

Maofu Liao

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Cell Biology 369L

Protein structure by high-resolution electron microscopy (203788)

Maofu Liao

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course

FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Cell Biology 370

Mitotic Kinases, Chromatin and Chromosome Segregation (122739)

Jonathan Higgins

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Cell Biology 370

Mitotic Kinases, Chromatin and Chromosome Segregation (122739)

Jonathan Higgins

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Cell Biology 371

Nutrient Sensing and Metabolic Control (122998)

Pere Puigserver

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Cell Biology 371

Nutrient Sensing and Metabolic Control (122998)

Pere Puigserver

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Cell Biology 372

Cytoskeletal Dynamics (115000)

Timothy Mitchison

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Cell Biology 372

Cytoskeletal Dynamics (115000)

Timothy Mitchison

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Cell Biology 373

Molecular Genetics of Cell Interaction in Development (112515)

Spyros Artavanis-Tsakonas

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Cell Biology 373

Molecular Genetics of Cell Interaction in Development (112515)

Spyros Artavanis-Tsakonas

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Cell Biology 373L

Regulation of protein biosynthesis and quality control (204037)

Sichen Shao

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Cell Biology 373L

Regulation of protein biosynthesis and quality control (204037)

Sichen Shao

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Cell Biology 375

Cancer Genetics and DNA (127583)

David Weinstock

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Cell Biology 375

Cancer Genetics and DNA (127583)

David Weinstock

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Cell Biology 376

Chemical Approaches to Cell Division and Cancer (115970)

Randall King

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Cell Biology 376

Chemical Approaches to Cell Division and Cancer (115970)

Randall King

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Cell Biology 376L

Cell polarity, organoids, cancer biology and therapeutics (204028)

Senthil Muthuswamy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Cell Biology 376L

Cell polarity, organoids, cancer biology and therapeutics (204028)

Senthil Muthuswamy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Cell Biology 377

Islet cell signaling mechanisms, Stem cells, iPS Cells in diabetes (120176)

Rohit Kulkarni

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Cell Biology 377

Islet cell signaling mechanisms, Stem cells, iPS Cells in diabetes (120176)

Rohit Kulkarni

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Cell Biology 378

Bacterial Toxin Entry and Immunoglobulin Transport in Mucosal Epithelial Cells (120177)

Wayne Lencer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Cell Biology 378

Bacterial Toxin Entry and Immunoglobulin Transport in Mucosal Epithelial Cells (120177)

Wayne Lencer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Cell Biology 379

BMP Signaling in Organogenesis (120178)

Vicki Rosen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Cell Biology 379

BMP Signaling in Organogenesis (120178)

Vicki Rosen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Cell Biology 380

Cytoskeletal Mechanics of Blood Platelet Production (121645)

Joseph Italiano

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Cell Biology 380

Cytoskeletal Mechanics of Blood Platelet Production (121645)

Joseph Italiano

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Cell Biology 383

Internal and External Sensory Systems (125265)

Stephen Liberles

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Cell Biology 383

Internal and External Sensory Systems (125265)

Stephen Liberles

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Cell Biology 385

Epigenetic Mechanisms and Genomic Integrity (109085)

Mo Motamedi

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Cell Biology 385

Epigenetic Mechanisms and Genomic Integrity (109085)

Mo Motamedi

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Cell Biology 386

Systemic metabolism and cancer (109086)

Nada Kalaany

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Cell Biology 386

Systemic metabolism and cancer (109086)

Nada Kalaany

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Cell Biology 387

Calcium signaling in health and disease (109087)

Anna Greka

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Cell Biology 387

Calcium signaling in health and disease (109087)

Anna Greka

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Cell Biology 390

Membrane: Cytoskeleton Interface in Morphogenesis and Tumorigenesis/Metastasis (107868)

Andrea McClatchey

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Cell Biology 390

Membrane: Cytoskeleton Interface in Morphogenesis and Tumorigenesis/Metastasis (107868)

Andrea McClatchey

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Cell Biology 392

Computational & systems biology, statistical physics, cancer therapeutics (207230)

Chris Sander

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Cell Biology 392

Computational & systems biology, statistical physics, cancer therapeutics (207230)

Chris Sander

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Cell Biology 399

Nanocourses (121654)

Rosalind Segal

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Students can enroll for 4 credits for every 6 nanocourses completed through the HMS Curriculum Fellows Program. For questions about bundling and applying nanocourse credits, contact dms_courses@hms.harvard.edu.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Cell Biology 399

Nanocourses (121654)

Rosalind Segal

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Subject: Speech & Hearing Sciences

Speech & Hearing Sciences 200

Introduction to Sound, Speech, and Hearing (108212)

Satrajit Ghosh

Hideko Nakajima

Sunil Puria

2019 Fall (4 Credits) **Schedule:** W 0200 PM - 0259 PM
TR 0200 PM - 0329 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Speech and hearing are fundamental to our ability to communicate, yet in the US alone millions of people suffer from some form of speech or hearing impairment. As engineers and scientists, it is important to understand the underlying principles of speech and hearing. The goals of this course are to introduce students to the acoustics, anatomy, physiology, and mechanics related to speech and hearing and to build a foundational understanding of one of the most complex, interdisciplinary, and fascinating areas of bioengineering. Particular attention will be paid to how humans generate and perceive speech. Topics include acoustic theory of speech production, basic digital speech processing, control mechanisms of speech production and basic elements of speech and voice perception. These fundamental topics will be explored through applications and challenges involving acoustics, speech recognition, and speech disorders, which are especially relevant given the ubiquity of recording and playback devices such as smartphones and home assistants. On the hearing side, topics include acoustics and mechanics of the outer ear, middle ear, and cochlea, how pathologies affect their function, and methods for clinical diagnosis. Surgical treatments and medical devices such as hearing aids, bone conduction devices, and implants will also be covered.

Course Notes: **This course is taught as course in consort with HST.714J at the Massachusetts Institute of Technology. Classes will be held at MIT.**

Class Notes: **Class will be held at MIT, Room 46-5056, 43 Vassar St, Cambridge MA.**

Recommended Prep: **Calculus and introductory physics**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Speech & Hearing Sciences 201

Biology of the Inner Ear (108213)

M. Liberman

Stephane Maison

2019 Fall (4 Credits) **Schedule:** M 0100 PM - 0229 PM
TR 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Normal biology, biophysics, physiology and morphology of the inner ear, its sensory innervation and efferent control systems, and the mechanisms underlying sensorineural hearing loss and balance disorders. Material is presented through lectures, laboratory exercises and discussions of the primary literature.

Class Notes: **Classes will begin on Tuesday, September 3, and will be held in Mass. Eye and Ear Infirmary - EPL Library (4th Floor) Room 432.**

Recommended Prep: **Introductory neurobiology recommended.**
Lecture notes will be available online.

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Speech & Hearing Sciences 202

Clinical Aspects of Speech and Hearing (108217)

Konstantina Stankovic

2020 Spring (4 Credits) **Schedule:** MW 0500 PM - 0700 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Clinical approach to speech and hearing disorders as practiced by physicians, audiologists, speech

clinicians, and rehabilitation specialists. Includes observation of patient care in clinic and operating rooms, as well as lectures, discussion groups, and laboratory experience in audiological and vestibular testing.

Course Notes: **Offered jointly with HST 724 at MIT. Classes to be held at Massachusetts Eye and Ear (MEE).**

Class Notes: **Class meeting times may change according to physician OR and clinic schedules. First class meeting will be held on Fri, Jan 31, at Eaton-Peabody Laboratories, Mass Eye & Ear, 4th floor.**

Recommended Prep: **Anatomy of Speech and Hearing, Acoustics of Speech and Hearing, or permission of the course director**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None

Speech & Hearing Sciences 203

Anatomy of Speech and Hearing (108218)

Barbara Fullerton

James Heaton

James Kobler

2020 Spring (4 Credits) **Schedule:** MTWRF 0930 AM - 0130 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This course covers anatomy of the head and neck, with cadaver dissection, stressing structures important in speech and hearing. Lecture topics also include basic neuroanatomy, imaging, surgery, and cancer of head and neck.

Course Notes: **This an intensive January Course. Offered jointly with MIT as HST 718. Classes to be held at the Harvard Medical School campus.**

Class Notes: **Class sessions will be held Jan 6 - 31, in TMEC 209.**

Recommended Prep: **Introductory biology or equivalent and director permission, if not SHBT student.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None

Speech & Hearing Sciences 205

Audition: Neural Mechanisms, Perception and Cognition (108224)

Daniel Polley

Bertrand Delgutte

M. Brown

Joshua McDermott

2020 Spring (4 Credits) **Schedule:** MWF 0930 AM - 1130 AM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Neural structures and mechanisms mediating the detection, localization and recognition of sounds. General principles are conveyed by theme discussions of auditory masking, sound localization, musical pitch, cochlear implants, cortical plasticity and auditory scene analysis.

Course Notes: **Offered jointly with MIT HST.723.**

Class Notes: **Classes will be held at Mass Eye & Ear, 4th floor conf room, and MIT Bldg 46, Rm 5193. First class meeting at Mass Eye & Ear.**

Recommended Prep: **Neurobiology 200 or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Speech & Hearing Sciences 300

Auditory neural coding laboratory (109006)

Bertrand Delgutte

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Research projects on the neural coding of sound and the neural basis of auditory perception, with emphasis on the mechanisms for listening in adverse environments comprising reverberation and competing sound sources.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Speech & Hearing Sciences 300

Auditory neural coding laboratory (109006)

Bertrand Delgutte

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Research projects on the neural coding of sound and the neural basis of auditory perception, with emphasis on the mechanisms for listening in adverse environments comprising reverberation and competing sound sources.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Speech & Hearing Sciences 301

Acoustics and Mechanics of the Middle Ear, with a Dual Emphasis on Comparative Phys (109007)

John Rosowski

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Investigates the acoustics and mechanics of the middle ear, with a dual emphasis on comparative phys.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Speech & Hearing Sciences 301

Acoustics and Mechanics of the Middle Ear, with a Dual Emphasis on Comparative Phys (109007)

Gwenaelle Geleoc

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Investigates the acoustics and mechanics of the middle ear, with a dual emphasis on comparative phys.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Speech & Hearing Sciences 301QC

Speech and Hearing Laboratory Visits (109015)

Bertrand Delgutte

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Research on topics in theoretical, experimental, clinical, or translational aspects of Speech and Hearing Sciences arranged on an individual basis with a research supervisor.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Speech & Hearing Sciences 302

The Mechanics and Physiology of the Peripheral Auditory System, with an Emphasis on Mechanisms of co (109008)

Christopher Shera

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Speech & Hearing Sciences 302

The Mechanics and Physiology of the Peripheral Auditory System, with an Emphasis on Mechanisms of co (109008)

Christopher Shera

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Speech & Hearing Sciences 303

Sensory Coding and Feedback Control, in the Mammalian Cochlea; Mechanisms of Sensorineural Hearing (109009)

M. Liberman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Speech & Hearing Sciences 303

Sensory Coding and Feedback Control, in the Mammalian Cochlea; Mechanisms of Sensorineural Hearing (109009)

M. Liberman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Speech & Hearing Sciences 305

Degeneration and regeneration of the auditory nerve; biomarkers of sensorineural hearing loss (109018)

Konstantina Stankovic

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Speech & Hearing Sciences 305

Degeneration and regeneration of the auditory nerve; biomarkers of sensorineural hearing loss (109018)

Konstantina Stankovic

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Speech & Hearing Sciences 306

Clinical studies of laryngeal voice disorders with an emphasis on the development of improved diagno (109012)

Robert Hillman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Speech & Hearing Sciences 306

Clinical studies of laryngeal voice disorders with an emphasis on the development of improved diagno (109012)

Robert Hillman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Speech & Hearing Sciences 308

Functional development of sensory hair cells of mammalian inner ear & gene therapy of Usher Syndrome (215814)

Gwenaelle Geleoc

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Speech & Hearing Sciences 309

Graduate Research - Albert Edge lab (215815)

Albert Edge

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Speech & Hearing Sciences 310

Independent Study in Speech and Hearing Sciences (109013)

Gwenaelle Geleoc

Hideko Nakajima

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Opportunity for independent study of topics in speech and hearing sciences under regular supervision by an SHBT faculty member.

Course Notes: **For SHBT students only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Speech & Hearing Sciences 310

Independent Study in Speech and Hearing Sciences (109013)

Hideko Nakajima

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Opportunity for independent study of topics in speech and hearing sciences under regular supervision by an SHBT faculty member.

Course Notes: **For SHBT students only**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Speech & Hearing Sciences 310 Section: 002

Independent Study in Speech and Hearing Sciences (109013)

Bertrand Delgutte

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Opportunity for independent study of topics in speech and hearing sciences under regular supervision by an SHBT faculty member.

Course Notes: **For SHBT students only**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Speech & Hearing Sciences 310 Section: 002

Independent Study in Speech and Hearing Sciences (109013)

Bertrand Delgutte

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Opportunity for independent study of topics in speech and hearing sciences under regular supervision by an SHBT faculty member.

Course Notes: **For SHBT students only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Speech & Hearing Sciences 311

Clinical work at MGHIHP (110390)

Gwenaelle Geleoc

Hideko Nakajima

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Course Notes: **For SHBT students only.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Speech & Hearing Sciences 311

Clinical work at MGHIHP (110390)

Hideko Nakajima

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Course Notes: **For SHBT students only.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Speech & Hearing Sciences 312

Graduate Research - Josh McDermott lab (215816)

Joshua McDermott

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Speech & Hearing Sciences 313

Dissertation work in optogenetics (160966)

M. Brown

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Speech & Hearing Sciences 313

Dissertation work in optogenetics (160966)

M. Brown

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Speech & Hearing Sciences 314

Graduate Research - Thomas Quatieri lab (215817)

Thomas Quatieri

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Speech & Hearing Sciences 315

Graduate Research - Barbara Shinn-Cunningham lab (215818)

Barbara Shinn-Cunningham

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Speech & Hearing Sciences 316

Graduate Research - Daryush Mahta lab (215819)

Daryush Mehta

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Speech & Hearing Sciences 330

Dissertation Research (110387)

Gwenaelle Geleoc

Hideko Nakajima

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

For SHBT graduate students studying in research labs at MIT only.

Course Notes: **For SHBT graduate students studying in research labs at MIT or MGHIHP only.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Speech & Hearing Sciences 330

Dissertation Research (110387)

Hideko Nakajima

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

For SHBT graduate students studying in research labs at MIT only.

Course Notes: **For SHBT graduate students studying in research labs at MIT or MGHIHP only.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Speech & Hearing Sciences 333R

Laboratory Rotation in Speech and Hearing Sciences (109014)

Bertrand Delgutte

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Research on topics in theoretical, experimental, clinical, or translational aspects of Speech and Hearing Sciences arranged on an individual basis with a research supervisor.

Course Notes: **For SHBT students only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Speech & Hearing Sciences 333R

Laboratory Rotation in Speech and Hearing Sciences (109014)

Bertrand Delgutte

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Research on topics in theoretical, experimental, clinical, or translational aspects of Speech and Hearing Sciences arranged on an individual basis with a research supervisor.

Course Notes: **For SHBT students only**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Speech & Hearing Sciences 350

The Neural Basis and Clinical Applications of Speech (204554)

Satrajit Ghosh

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Speech & Hearing Sciences 350

The Neural Basis and Clinical Applications of Speech (204554)

Satrajit Ghosh

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Speech & Hearing Sciences 360

Mechano-acoustics of sound transmission to the inner ear (204045)

Hideko Nakajima

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll

FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Speech & Hearing Sciences 360

Mechano-acoustics of sound transmission to the inner ear (204045)

Hideko Nakajima

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Subject: Virology

Virology 200

Introduction to Virology (116413)

Jonathan Abraham

Philip Kranzusch

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0345 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Introduction to virology. The lecture component reviews the basic principles of virology and introduces the major groups of human viruses. Weekly discussion groups critically analyze selected papers from the literature.

Course Notes: **There will be mid-term and final projects consisting of proposals based on laboratory rotations. Offered jointly with the Medical School as MG 705.0. http://www.courses.fas.harvard.edu/6075**

Class Notes: **Classes will be held in TMEC 342.**

Recommended Prep: **Pre-Requisite: Current Virology PhD student, or upon special consent**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Virology 201

Virology (110546)

Benjamin Gewurz
Joseph G. Sodroski
Sun Hur
Aaron Schmidt
Todd Allen
Galit Alter

2020 Spring (4 Credits) **Schedule:** MW 0230 PM - 0400 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

The course focuses on the following areas of virology: (i) epigenetic regulation, (ii) RNA virus replication mechanisms, (iii) innate responses to viral infection, (iv) inhibition of viral infection. The course will comprise lectures as well as reviewing literature that describes fundamental breakthroughs relevant to these areas. Within those areas, the class will read and discuss papers dealing with virus structure, replication, pathogenesis, evolution, emerging viruses, chronic infection, innate and adaptive immunity, anti-viral drugs/vaccines. Special emphasis will be placed on preparing students to critically evaluate the literature, formulate hypotheses and design experiments.

Course Notes: **Course format will be lectures, literature-based critical reading and discussion. Prepare and defend a written research proposal. Offered jointly with the Medical School as MG 723.0.**

Class Notes: **Classes will meet Jan 27 - May 6, in TMEC 321.**

Recommended Prep: **Graduate standing and permission required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

Virology 202

Proposal Writing (117649)

James DeCaprio
Sylvie Le Gall
Daniel Lingwood
Alejandro Balazs
Max Nibert

2019 Fall (4 Credits) **Schedule:** W 0145 PM - 0359 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Students will write, present, and evaluate research proposals in the areas of virus replication, viral pathogenesis and treatment and prevention of viral infections.

Course Notes: **Offered jointly with the Medical School as MG 724.0.**

Class Notes: **Classes will be held from September 4 through October 30, 2019.**

Recommended Prep: **General background in biochemistry and virology.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None

Virology 300QC

Advanced Topics in Virology (127510)

Rosalind Segal

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A series of reading and discussion seminars, each running for a half term (7 weeks).

Course Notes: **Non-DMS students must get permission from the Division of Medical Sciences before registering for this course. Please contact us at 617-432-0162 or visit the DMS Office at T-MEC 435, 260 Longwood Avenue, Boston.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Virology 300QC

Advanced Topics in Virology (127510)

Rosalind Segal

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A series of reading and discussion seminars, each running for a half term (7 weeks).

Course Notes: **Non-DMS students must get permission from the Division of Medical Sciences before registering for this course. Please contact us at 617-432-0162 or visit the DMS Office at T-MEC 435, 260 Longwood Avenue, Boston.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

FAS: Course Level	Graduate Course

Virology 300R

Introduction to Research (115484)

Aaron Schmidt

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Virology 300R

Introduction to Research (115484)

Aaron Schmidt

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Virology 301

Herpes Virus Interaction with the Host Cell (121197)

David Knipe

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Virology 301

Herpes Virus Interaction with the Host Cell (121197)

David Knipe

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Virology 301QC

Advanced Topics in Virology: Viral Oncology (127484)

James DeCaprio

2020 Spring (2 Credits) **Schedule:** TR 0430 PM - 0600 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Introduction to viral oncology and critical evaluation of key papers in viral oncology. Requirements include presentations, written critiques, and class participation.

Course Notes: **This is an intensive January course. Class size limited to 12 students.**

Class Notes: **This course will run from Jan 7 - 23. On Jan 16, class will start at 4: 00pm. Classes will be held in TMEC 340.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Virology 303

AIDS Pathogenesis Research in the Nonhuman Primate Model of SIV Infection with a Focus on Host Immun (125740)

Amitinder Kaur

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Virology 303

AIDS Pathogenesis Research in the Nonhuman Primate Model of SIV Infection with a Focus on Host Immun (125740)

Amitinder Kaur

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Virology 304

Molecular Biology of Kaposi's Sarcoma-Associated Herpes Virus (112853)

Kenneth Kaye

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Virology 304

Molecular Biology of Kaposi's Sarcoma-Associated Herpes Virus (112853)

Kenneth Kaye

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Graduate Course

Virology 305

Entry and Replication of Negative-Strand RNA Viruses (117886)

Sean P.J. Whelan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Virology 305

Entry and Replication of Negative-Strand RNA Viruses (117886)

Sean P.J. Whelan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Virology 308

Molecular Genetics of Herpes Virus (112128)

Donald Coen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Virology 308

Molecular Genetics of Herpes Virus (112128)

Donald Coen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Virology 309

Immunology of Pregnancy, Tolerance and Multiple Sclerosis (113580)

Jack L. Strominger

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Virology 309

Immunology of Pregnancy, Tolerance and Multiple Sclerosis (113580)

Jack L. Strominger

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Virology 310

Viruses and Cancer (111328)

James DeCaprio

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Virology 310

Viruses and Cancer (111328)

James DeCaprio

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Virology 311

Molecular Biology of Epstein-Barr Infection (142296)

Frederick Wang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Virology 311

Molecular Biology of Epstein-Barr Infection (142296)

Frederick Wang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Virology 312

Molecular Biology of Epstein Barr Virus infection and Transformation of B Lymphocytes (132895)

Elliott Kieff

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Virology 312

Molecular Biology of Epstein Barr Virus infection and Transformation of B Lymphocytes (132895)

Elliott Kieff

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Virology 313

Molecular Basis for Simian Virus Pathogenesis (131444)

Ronald Desrosiers

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Virology 313

Molecular Basis for Simian Virus Pathogenesis (131444)

Ronald Desrosiers

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Virology 314

Viral Oncoproteins as Probes to Study the Regulation of Cell Growth and Differentiation (143399)

Karl Munger

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Virology 314

Viral Oncoproteins as Probes to Study the Regulation of Cell Growth and Differentiation (143399)

Karl Munger

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Virology 315

Mechanisms of Transcriptional Repression in Eukaryotic Cells (114054)

Yang Shi

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Virology 315

Mechanisms of Transcriptional Repression in Eukaryotic Cells (114054)

Yang Shi

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Virology 317

Virology and Immunology of Human Retroviruses (127530)

Myron Essex

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Virology 317

Virology and Immunology of Human Retroviruses (127530)

Myron Essex

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Virology 318

Persistence and Pathogenesis of Hepatitis C Virus Infection (125281)

Raymond Chung

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Virology 318

Persistence and Pathogenesis of Hepatitis C Virus Infection (125281)

Raymond Chung

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Virology 319

Functional Analysis of Tumor Suppression Genes (116931)

David Livingston

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Virology 319

Functional Analysis of Tumor Suppression Genes (116931)

David Livingston

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Virology 320

Pathogenesis of Human Retroviruses (110813)

Joseph G. Sodroski

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Virology 320

Pathogenesis of Human Retroviruses (110813)

Joseph G. Sodroski

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Virology 321

Retroviral DNA Integration (119740)

Alan Engelman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Virology 321

Retroviral DNA Integration (119740)

Alan Engelman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Virology 322

HIV Molecular Biology and Pathogenesis (125161)

Dana Gabuzda

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Virology 322

HIV Molecular Biology and Pathogenesis (125161)

Dana Gabuzda

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Virology 323

Immunobiology of Epstein-Barr Virus Receptor; Pathogenesis of EBV and B-cell tumors (112532)

Joyce Fingeroth

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Virology 323

Immunobiology of Epstein-Barr Virus Receptor; Pathogenesis of EBV and B-cell tumors (112532)

Joyce Fingeroth

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Virology 324

Emerging Viruses (110488)

James Cunningham

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Virology 324

Emerging Viruses (110488)

James Cunningham

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Virology 325

Retroviral Pathogenesis; AIDS Vaccine Development, and the Nature of Protective Immunity (112534)

Ruth Ruprecht

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Virology 325

Retroviral Pathogenesis; AIDS Vaccine Development, and the Nature of Protective Immunity (112534)

Ruth Ruprecht

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Virology 326

Pathogenesis and Treatment of Human Retrovirus and Herpesvirus Infection (131568)

Martin Hirsch

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Virology 326

Pathogenesis and Treatment of Human Retrovirus and Herpesvirus Infection (131568)

Martin Hirsch

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Virology 328

Humoral Response to Retroviral Infections in Humans; Identification of Coding Sequence of Human Retr (112533)

Tun-hou Lee

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Virology 328

Humoral Response to Retroviral Infections in Humans; Identification of Coding Sequence of Human Retr (112533)

Tun-hou Lee

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Virology 329

Immune control of HIV and implications for vaccine development (112807)

Bruce Walker

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Virology 329

Immune control of HIV and implications for vaccine development (112807)

Bruce Walker

Rosalind Segal

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Virology 330

Critical Readings in Virology (117526)

Rosalind Segal

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A series of reading and discussion seminars, each running for a half term (seven weeks). Different topics are covered each term.

Course Notes: **Two seminars, which can be taken in different terms, are required for credit. Non-DMS students must get permission from the Division of Medical Sciences before registering for this course. Please contact us at 617-432-0162 or visit the DMS Office at T-MEC 435, 260 Longwood Avenue, Boston.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Virology 330

Critical Readings in Virology (117526)

Rosalind Segal

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A series of reading and discussion seminars, each running for a half term (seven weeks). Different topics are covered each term.

Course Notes: **Two seminars, which can be taken in different terms, are required for credit. Non-DMS students must get permission from the Division of Medical Sciences before registering for this course. Please contact us at 617-432-0162 or visit the DMS Office at T-MEC 435, 260 Longwood Avenue, Boston.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Virology 331

Polyomavirus JC, the Etiologic Agent of Progressive Multifocal Eukoencephalopathy (PML) (125282)

Igor Koralnik

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Virology 331

Polyomavirus JC, the Etiologic Agent of Progressive Multifocal Eukoencephalopathy (PML) (125282)

Igor Koralnik

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Virology 332

Protein Phosphorylation and Gene Expression in Normal and Transformed Cells (116035)

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Virology 332

Protein Phosphorylation and Gene Expression in Normal and Transformed Cells (116035)

Raymond Erikson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Virology 333

Antiretroviral Drug Resistance, and Drug Resistant Human Immunodeficiency Virus (118844)

Daniel Kuritzkes

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Virology 333

Antiretroviral Drug Resistance, and Drug Resistant Human Immunodeficiency Virus (118844)

Daniel Kuritzkes

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Virology 336

Genetic Changes in HIV and Hepatitis C Virus (125283)

Todd Allen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Virology 336

Genetic Changes in HIV and Hepatitis C Virus (125283)

Todd Allen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Virology 339

Mechanisms of HIV Protein Degradation, Epitope Processing and Presentation to Virus-specific CD8 T c (125855)

Sylvie Le Gall

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Virology 339

Mechanisms of HIV Protein Degradation, Epitope Processing and Presentation to Virus-specific CD8 T c (125855)

Sylvie Le Gall

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Virology 347

Reovirus Structure, Assembly, and Particle Functions in Entry and RNA Synthesis (115350)

Max Nibert

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Virology 347

Reovirus Structure, Assembly, and Particle Functions in Entry and RNA Synthesis (115350)

Max Nibert

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Virology 348

Immunopathogenesis of HIV-1 and the Development of HIV-1 Vaccine Strategies (123149)

Dan Barouch

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Virology 348

Immunopathogenesis of HIV-1 and the Development of HIV-1 Vaccine Strategies (123149)

Dan Barouch

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Virology 349

Imaging Techniques to Study the Behavior of Individual Biological Molecules and Complexes in Vitro a (126451)

Xiaowei Zhuang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Virology 349

Imaging Techniques to Study the Behavior of Individual Biological Molecules and Complexes in Vitro a (126451)

Xiaowei Zhuang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Virology 351

Molecular Mechanisms of HIV (Human Immunodeficiency Virus) Viral Entry (109093)

Bing Chen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Virology 351

Molecular Mechanisms of HIV (Human Immunodeficiency Virus) Viral Entry (109093)

Bing Chen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Virology 352

Biology and Evolution of Human Adenoviruses (109094)

James Chodosh

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Virology 352

Biology and Evolution of Human Adenoviruses (109094)

James Chodosh

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Virology 353

Genetic and proteomic analysis of Epstein-Barr virus replication, pathogenesis and cancer biology (160979)

Benjamin Gewurz

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Virology 353

Genetic and proteomic analysis of Epstein-Barr virus replication, pathogenesis and cancer biology (160979)

Benjamin Gewurz

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Virology 356

Pattern recognition by the B cell receptor (204094)

Daniel Lingwood

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Virology 356

Pattern recognition by the B cell receptor (204094)

Daniel Lingwood

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Subject: Developmental & Regen Biology

Developmental & Regen Biology 310

Blood Stem Cell Development and Regeneration (126385)

Trista North

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Developmental & Regen Biology 310

Blood Stem Cell Development and Regeneration (126385)

Trista North

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Developmental & Regen Biology 311

Cardiovascular Development and Regeneration (126386)

Caroline Burns

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Developmental & Regen Biology 311

Cardiovascular Development and Regeneration (126386)

Caroline Burns

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Developmental & Regen Biology 312

Epigenetic Modifications and Cellular Identity (126387)

Alexander Meissner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Developmental & Regen Biology 312

Epigenetic Modifications and Cellular Identity (126387)

Alexander Meissner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Developmental & Regen Biology 313

Liver Development, Regeneration and Carcinogenesis (126388)

Wolfram Goessling

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Developmental & Regen Biology 313

Liver Development, Regeneration and Carcinogenesis (126388)

Wolfram Goessling

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Developmental & Regen Biology 314

Investigation of the Molecular Mechanisms Governing Development and Reprogramming of Neuronal Subtyp (126389)

Paola Arlotta

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Developmental & Regen Biology 314

Investigation of the Molecular Mechanisms Governing Development and Reprogramming of Neuronal Subtyp (126389)

Paola Arlotta

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Developmental & Regen Biology 315

Environmental Signaling, Plasticity and Fate Specification during Development (126390)

Susan Mango

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Developmental & Regen Biology 315

Environmental Signaling, Plasticity and Fate Specification during Development (126390)

Susan Mango

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Developmental & Regen Biology 316

Stem Cells and Organ Size Control (126391)

Fernando Camargo

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Developmental & Regen Biology 316

Stem Cells and Organ Size Control (126391)

Fernando Camargo

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Developmental & Regen Biology 317

Stem cells, Cancer, and Hematological Disorders (126392)

Catherine Yan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Developmental & Regen Biology 317

Stem cells, Cancer, and Hematological Disorders (126392)

Catherine Yan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Developmental & Regen Biology 318

Adult hippocampal neurogenesis, cognition and affective behaviors (109351)

Amar Sahay

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Developmental & Regen Biology 318

Adult hippocampal neurogenesis, cognition and affective behaviors (109351)

Amar Sahay

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Developmental & Regen Biology 319

Adult mammalian regeneration (126786)

Qiao Zhou

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Developmental & Regen Biology 319

Adult mammalian regeneration (126786)

Qiao Zhou

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Developmental & Regen Biology 320

Lung Regeneration and Lung Disease (127403)

Jayaraj Rajagopal

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Developmental & Regen Biology 320

Lung Regeneration and Lung Disease (127403)

Jayaraj Rajagopal

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Developmental & Regen Biology 321

Stem Cells and Neurodegenerative Disease (127739)

Lee Rubin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Developmental & Regen Biology 321

Stem Cells and Neurodegenerative Disease (127739)

Lee Rubin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Developmental & Regen Biology 322

Regulation of Tissue Stem Cells (107628)

David Breault

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Developmental & Regen Biology 322

Regulation of Tissue Stem Cells (107628)

David Breault

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Developmental & Regen Biology 325

Biology and Function of Tissue-Specific Stem Cells (109121)

Amy Wagers

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Developmental & Regen Biology 325

Biology and Function of Tissue-Specific Stem Cells (109121)

Amy Wagers

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Developmental & Regen Biology 326

Epigenetic Regulation by Large Non-coding RNA (109147)

John Rinn

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Developmental & Regen Biology 326

Epigenetic Regulation by Large Non-coding RNA (109147)

John Rinn

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Developmental & Regen Biology 327

MicroRNA roles in development and disease (160767)

Frank Slack

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Developmental & Regen Biology 327

MicroRNA roles in development and disease (160767)

Frank Slack

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Developmental & Regen Biology 328

Noncoding RNAs in development and fibrosis (203791)

Alan Mullen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Developmental & Regen Biology 328

Noncoding RNAs in development and fibrosis (203791)

Alan Mullen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Developmental & Regen Biology 329

Progenitors, adipogenesis, and obesity (203839)

Matthew Steinhauser

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Developmental & Regen Biology 329

Progenitors, adipogenesis, and obesity (203839)

Matthew Steinhauser

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Developmental & Regen Biology 330QC

Experimental Approaches to Stem Cell, Developmental, and Regenerative Biology (122586)

Olivier Pourquie
Eric Greer
Jeffrey Macklis
Wolfram Goessling
Jessica Whited
Jenna Galloway
April Craft
Mara Laslo
Ya-chieh Hsu
Trista North

2020 Spring (2 Credits) **Schedule:** MTWRFS 1000 AM - 0400 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

This laboratory course is designed to provide a survey of major topics and contemporary research in developmental, stem cell, and regenerative biology. Students will rotate in the laboratories of DRB faculty across the Harvard campuses and affiliated hospitals. Students engage with faculty and gain hands on experience in a variety of model systems, experimental techniques and research areas. Each day of the course will consist of a lecture followed by hands-on laboratory activities and interactive discussions. The course will culminate in short, informal student-led (five minutes, five slides) brainstorming sessions inspired by a lab session of their choosing.

Course Notes: **This is an intensive January course. Open to first-year and second-year BBS students [HDRB undergraduates with approval of the course director]. Not repeatable for credit.**

Class Notes: **This course runs from Jan 6 - 17. Course meeting and introductory dinner only on Jan 6; presentations only on Jan 17; optional DRB welcome party on Jan 16. There will be one lecture on Sat, Jan 11. Various locations. Contact Trista North for updated course syllabus.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Subject: Biomedical Informatics

Biomedical Informatics 201

Concepts in genome analysis (208016)

Shamil Sunyaev

Michael Baym

Cheng-Zhong Zhang

2019 Fall (4 Credits) **Schedule:** MW 0230 PM - 0359 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course focuses on quantitative aspects of genetics and genomics, including computational and statistical methods of genomic analysis. We will introduce basic concepts and discuss recent progress in population and evolutionary genetics and cover principles of statistical genetics of Mendelian and complex traits. We will then introduce current genomic technologies and key algorithms in computational biology and bioinformatics. We will discuss applications of these algorithms to genome annotation and analysis of epigenomics, cancer genomics and metagenomics data. Proficiency in programming and basic knowledge of genetics and statistics will be assumed.

Class Notes: **The first class will be held on Wednesday, September 4, 2019, in the Countway Library Ware Room.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students

Biomedical Informatics 313QC

Computing Skills for Biomedical Sciences (208164)

Nils Gehlenborg

Theodore Feldman

Peter Kharchenko

Rebecca Fitzhugh

2019 Fall (2 Credits) **Schedule:** TR 0945 AM - 1115 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course will prepare students for advanced graduate level classes that require practical programming and data analysis skills through active learning methods. The main focus of this course is to familiarize students with the R programming language. Additionally, students will learn about the command line on Linux-based systems, high-performance computing environments, and fundamental data analysis approaches. The skills taught in this course will enable students to design and implement programs for reproducible data analysis, manage file-based datasets, apply basic statistical, algorithmic, and visual approaches for data interpretation, and execute analyses on a compute cluster.

Course Notes: **Cross listed with HMS as BMI 713. BMIF 313qc is graded SAT/UNSAT. If a letter grade is preferred, students can cross-register through my.harvard for BMI 713.**

Class Notes: **Classes will run from September 3 through October 17.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biomedical Informatics 315QC

Computational Statistics for Biomedical Sciences (208256)

Peter Park

2019 Fall (2 Credits) **Schedule:** TR 0945 AM - 1115 AM

Instructor Permissions: Instructor **Enrollment Cap:** 26

This course will provide a practical introduction to statistical analysis of biological and biomedical data. Basic techniques will be covered, including descriptive statistics, elements of probability, hypothesis testing, nonparametric methods, correlation analysis, and linear regression. Emphasis will be on how to choose appropriate statistical tests, how to assess statistical significance, and how to avoid common mistakes in analysis of large datasets.

Course Notes: **This course is geared toward graduate students in the biological sciences, but others are welcomed as auditors if space permits. No previous knowledge in statistics is required, but some proficiency in R will be assumed.**

Class Notes: **Classes will run from October 22 through December 12.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Graduate Course

Biomedical Informatics 333R

Introduction to Research in Bioinformatics and Integrative Genomics (212577)

Peter Park

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Course Notes: **BIG students register for lab rotations under this course number**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biomedical Informatics 333R

Introduction to Research in Bioinformatics and Integrative Genomics (212577)

Peter Park

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 50

Course Notes: **BIG students register for lab rotations under this course number**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biomedical Informatics 334

Computational Genomics (214352)

Peter Park

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biomedical Informatics 334

Computational Genomics (214352)

Peter Park

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biomedical Informatics 335

Computational genomics of repetitive DNA and somatic mutation (215790)

Eunjung Alice Lee

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Biomedical Informatics 336

Applying genomics to understand the molecular basis of human physiology and disease (215812)

Eric Lander

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biomedical Informatics 345

Imaging mammalian regulatory networks at multiple scales (208293)

Miles Miller

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biomedical Informatics 345

Imaging mammalian regulatory networks at multiple scales (208293)

Miles Miller

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biomedical Informatics 347

Antibiotic resistance, evolution, big data algorithms (211049)

Michael Baym

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biomedical Informatics 347

Antibiotic resistance, evolution, big data algorithms (211049)

Michael Baym

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Biomedical Informatics 350

Translational bioinformatics for gene by environment discovery and medical decision making (203785)

Chirag Patel

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biomedical Informatics 350

Translational bioinformatics for gene by environment discovery and medical decision making (203785)

Chirag Patel

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Biomedical Informatics 354

Computational Medicine (126398)

Isaac Kohane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science

Biomedical Informatics 354

Computational Medicine (126398)

Isaac Kohane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Biomedical Informatics 355

Statistical genetics: fast algorithms for large-scale genetic data analyses (212613)

Po-Ru Loh

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biomedical Informatics 355

Statistical genetics: fast algorithms for large-scale genetic data analyses (212613)

Po-Ru Loh

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biomedical Informatics 375

Computational molecular biology including protein folding and medical genomics (208295)

Bonnie Berger

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biomedical Informatics 375

Computational molecular biology including protein folding and medical genomics (208295)

Bonnie Berger

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Subject: Biological & Biomedical Sci

Biological & Biomedical Sci 230

Qualitative and Quantitative Analysis of the Biological Literature (108994)

Jesse Gray

Mo Motamedi

Alexander Soukas

Hans Widlund

Radhika Subramanian
Joseph Italiano
Benjamin Kleinstiver
Meenakshi Rao
Alain Charest
Daniel Bauer
Naama Kanarek
Roberto Chiarle
Zuzana Tothova
Elaine Elion
Richard Sherwood
Duane Wesemann
Andrew Aguirre
Liron Bar-Peled
Mohammad Rashidian
Stephen Haggarty
Philip Kranzusch
Scott Kennedy
Philip Cole
Eric Greer
Marjorie Oettinger
Julie-Aurore Losman
Frank Slack

2019 Fall (4 Credits) **Schedule:** TR 0300 PM - 0559 PM

Instructor Permissions: None **Enrollment Cap:** n/a

BBS 230 is an integrated literature analysis course comprised of two related components: (1) intensive paper discussion on Thursdays and (2) workshops to asses individual student skills in critically evaluating the scientific literature on Tuesdays.

Course Notes: **This course is required for first year BBS and second year BIG students, and is open only to BBS and second year BIG students**

Class Notes: **Classes run from September 5 through December 3, 2019. Meeting locations TBA.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Biological & Biomedical Sci 301

Embedded Teaching Practicum (for Graduate Teaching Assistants) (127207)

Ronald Heustis

Madhvi Venkatesh

2019 Fall (4 Credits) **Schedule:** MTWF -

Instructor Permissions: Instructor **Enrollment Cap:** 60

The Embedded Teaching Practicum serves to enhance the teaching experience for TAs and the learning experience for enrollees in the core BBS courses. While TAs serve different functions and experience teaching from different perspectives in each of our core courses, they collectively serve a vital role in helping with the delivery of a contemporary, high-quality and accessible education to HMS graduate students. The embedded teaching practicum provides practice-based training in curriculum design, developing learning objectives, assessment development and DBER; facilitating a group discussion; professionalism in the classroom; and preparation for teaching throughout and beyond time in graduate school. Teaching assistants are provided training and experience in the development of an early-career teaching philosophy.

Course Notes: **TAs should contact Jason Heustis (Ronald_Heustis@hms.harvard.edu).**

Class Notes: **This course runs from Tuesday, August 27, through Tuesday, December 10, 2019, and has an irregular meeting schedule (daytime and evening). TAs are required to attend the lecture for the course in which they are a TA.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Biological & Biomedical Sci 302QC

Using Python for Research (215411)

David Van Vactor

2020 Spring (2 Credits) **Schedule:** MWF 0100 PM - 0459 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

This intensive Bootcamp is based on HarvardX's course of the same title. In this course, after first going over the basics of Python 3, we learn about tools commonly used in research settings. No prior knowledge of Python and/or programming is required.

Course meetings will be held on Mondays, Wednesdays and Fridays. However students are required to use the intervening days for independent study in order to watch approximately 2-3 hours of Harvard X video content and complete the associated 'check your understanding' questions. This is considered a core component of the course and is not optional.

In-class time will be wholly dependent on the online content. Using a combination of a guided introduction and more independent in-depth exploration, students will practice Python skills with various case studies chosen for their scientific breadth and their coverage of different Python features, including modules for Machine Learning applications in research.

Class Notes: **Classes meet MWF, 1:00pm - 5:00pm, Jan 17 - Feb 3. On the days where we do not meet in class, students will be expected to watch videos online in preparation for the following class session. The first**

class session on Fri, Jan 17, will only be 3 hours long. The course ends on Mon, Feb 3, to account for Jan 20 being a holiday.

First meeting location: TMEC 446.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biological & Biomedical Sci 309

Gene regulation, epigenetics and single-cell technologies (215770)

Jason Buenrostro

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biological & Biomedical Sci 311

Meromit Singer lab (215771)

Meromit Singer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

The Singer group focuses on elucidating gene networks that regulate T cell function in cancer and autoimmunity, as well as the mechanisms by which bi-directional interactions take place between the T cells and their environment.

We use statistics, machine learning and algorithmic design to analyze high-throughput data generated in our lab (e.g. single-cell RNA-Seq) and model T cell regulation and function in tissue. We follow up on our predictions with in vivo perturbations (e.g. with CRISPR-Cas9) to validate and improve our models.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biological & Biomedical Sci 320

Cellular signaling and metabolism (215804)

Christian Dibble

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biological & Biomedical Sci 330

Critical Thinking and Research Proposal Writing (156089)

Rosalyn Adam
Grace Gill
Hong Chen
Matthew Harris
April Craft
Caroline Burns
Charles Burns
Christian Dibble
Yu-Hua Tseng
Duane Wesemann

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A group tutorial systematically guiding students in the writing of original, hypothesis-driven research proposals from initial topic selection through completion of a final draft.

Course Notes: **This course is open to second year BBS students. Others need permission of the instructor. Dates, times, and locations for Sessions 3 and 4 will be determined by the faculty running the tutorial sessions. Students will be able to sign up for their specific group on a first-come, first-served basis until the group limit (5 students) is reached. The BBS office will coordinate this process. Group assignments will be posted on the course website.**

Class Notes: **Session 1 (Lecture) will be on September 10, 2019, from 2:00 - 4: 00pm in NRB350. Session 2 (Lecture) will be on October 1, 2019, from 2:00 - 4:00pm in NRB350.**

Recommended Prep: **Check course website for downloadable material at https://canvas. harvard.edu/courses/61871.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Biological & Biomedical Sci 331R

Functional characterization of the cancer genome (215797)

William Sellers

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Biological & Biomedical Sci 332R

Human genetic studies of blood production and disease (215798)

Vijay Sankaran

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Biological & Biomedical Sci 333R

Introduction to Research in Biological and Biomedical Sciences (110559)

Susan Dymecki

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Course Notes: **BBS students register for lab rotations under this course number.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Biological & Biomedical Sci 333R

Introduction to Research in Biological and Biomedical Sciences (110559)

Susan Dymecki

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Course Notes: **BBS students register for lab rotations under this course number.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biological & Biomedical Sci 335

Statistical methods for cancer and complex traits (215772)

Alexander Gusev

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biological & Biomedical Sci 365

Identification of new protein targets and small-molecule modulators of malignancy (205974)

Kimberly Stegmaier

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Biological & Biomedical Sci 365

Identification of new protein targets and small-molecule modulators of malignancy (205974)

Kimberly Stegmaier

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Biological & Biomedical Sci 366

Statistical methods for cancer epigenetics (207171)

Martin Aryee

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Biological & Biomedical Sci 366

Statistical methods for cancer epigenetics (207171)

Martin Aryee

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course

FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biological & Biomedical Sci 380

Reading and Research in Biological and Biomedical Sciences (113083)

David Van Vactor

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Biological & Biomedical Sci 380

Reading and Research in Biological and Biomedical Sciences (113083)

David Van Vactor

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Medieval Studies

Subject: Medieval Studies

Medieval Studies 106

Poets, Kings, and Travellers: Encountering Alexander in the Medieval World (212866)

Justine Landau

Sean Gilsdorf

2019 Fall (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Organized around three archetypal characters—the poet, the king, and the traveller—this course offers a compelling and interdisciplinary introduction to the medieval world. Our guide on this journey is Alexander the Great, the historical and legendary figure celebrated across the medieval globe, from Asia to the Middle East to Europe and beyond. Alexander's rich and varied story, as told by his medieval admirers, will provide students with a road map for their own exploration of medieval cultures, societies, and economies, enriched by encounters with the manuscripts, images, and objects they left behind.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Medieval Studies 107 Section: 01

Authority and Invention: Medieval Art and Architecture (118135)

Christine Smith

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1129 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Masterworks of art and architecture in Western Europe from the decline of Rome to the dawn of the Italian Renaissance. Explores the creative tension between the impulse to originality and the authority of classical models in the search for new art forms. Emphasis on representative works considered in their totality (architecture, painting, sculpture, and minor arts) as experiential wholes; and on the plurality of geographical and cultural contexts (Italy, Germany, France, and Spain).

Course Notes: **Offered jointly with the Graduate School of Design as 4358. Meets at the Graduate School of Design, Gund Hall.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Medieval Studies 117

English Legal History, 600-1600 (142694)

Elizabeth Kamali

2020 Spring (4 Credits) **Schedule:** MT 0130 PM - 0259 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to the legal and constitutional history of England from the Anglo Saxons to the end of the Tudor period, essentially 600 – 1600, including the development of private (e.g., contract, torts, property) and public law (e.g., criminal and constitutional law). No previous background in English legal history is assumed.

Course Notes: **Meets together with HLS 2165.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences

Medieval Studies 119

Constitutional and Legal History of Medieval Continental Europe (147748)

Charles Donahue

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

A survey of continental European constitutional and legal history from the fall of the Roman Empire to the "Rise of absolutism" at the beginning of the seventeenth century. Focuses on the main expressions of European legal culture over this long period of time. In each period an effort is made to relate the types of law produced to social, political, and religious history.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences

Medieval Studies 202

Latin Palaeography and Manuscript Culture (114765)

Sean Gilsdorf

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

A weekly seminar training students to read medieval Latin handwriting from a variety of text-types, regions, and periods, and to recognize and decipher the abbreviations commonly used by medieval scribes.

Students also will encounter a range of medieval texts, learning more about the materials and formats of medieval written culture, and explore the diverse uses, genres, and formats of medieval writing as well as its textual and paratextual features. Students will be required to transcribe from manuscript samples in facsimile, as well as original documents in Houghton, throughout the semester.

Recommended Prep: **Completion of an intermediate Latin course or the equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Graduate Students

Medieval Studies 300HFA

Medieval Studies Interdisciplinary Workshop (123301)

Sean Gilsdorf

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Focuses on dissertations in progress and other research topics of mutual concern.

Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Enrollment is open to all graduate students.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
Full Year Course	Indivisible Course
FAS Divisional Distribution	None

Medieval Studies 300HFB

Medieval Studies Interdisciplinary Workshop (160353)

Sean Gilsdorf

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Focuses on dissertations in progress and other research topics of mutual concern.

Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Enrollment is open to all graduate students.**

Requirements: **Course open to Graduate Students Only**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Indivisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
Course Search Attributes	Display Only in Course Search

Middle Eastern Studies

Subject: Middle Eastern Studies

Middle Eastern Studies 299B

Master's Thesis - Middle Eastern Studies (125650)

Cemal Kafadar

2020 Spring (4 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

Course Notes: **Supervised reading, research and writing of master's thesis. Generally taken by master's students in the final semester of the AM program in Regional Studies - Middle East.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None

Mind, Brain, and Behavior

Subject: Mind, Brain & Behavior

Mind, Brain & Behavior 90R

Supervised Research: Topics in Mind/Brain/Behavior (125466)

Florian Engert

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised individual research leading to a tutorial paper.

Course Notes: **Application required; consult MBB website.**

Class Notes: **Admission is via application to be submitted by noon on Thursday, January 30th; see https://mbb.harvard.edu/pages/research-course for details.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

Mind, Brain & Behavior 90R

Supervised Research: Topics in Mind/Brain/Behavior (125466)

Florian Engert

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised individual research leading to a tutorial paper.

Course Notes: **Application required; consult MBB website.**

Class Notes: **Admission is via application to be submitted by noon on Friday, September 6th; see https://mbb.harvard.edu/pages/research-course for details.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

Mind, Brain & Behavior 980F Section: 1

Creativity Research: Eccentrics, Geniuses, and Harvard Students (128215)

Shelley Carson

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 18

Examines human creativity from three perspectives: a) empirical research sources, b) case studies of eminent creative achievers, and c) ourselves as creative subjects. Topics include the definition and measurement of creativity, the creative process, the neuroscience of creativity, the creative personality, the role of family life and culture in creativity, the relationship of creativity to IQ, gender differences, and the relationship of creativity to psychopathology. The course format will consist of a combination of lectures, student presentations, and discussion. Students will write a final paper on the topic of their choice related to creativity.

Class Notes: **To be admitted to this course, attend first class meeting and complete MBB Seminar Lottery (instructions at https://mbb.harvard.edu/seminars). Enrollment priority to MBB track juniors and MBB secondary field juniors.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Mind, Brain & Behavior 980G Section: 1

The Origins and Evolution of Cognition: A Comparative Study of Human and Nonhuman Abilities (109872)

Irene Pepperberg

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 18

Most scientists agree cognition is widespread in nature and involves an organism processing information to solve problems (like avoiding predators, finding prey, attracting a mate, achieving shelter), and in humans higher-level reasoning and conceptualizing. Less clear are the origins and evolutionary basis of cognition-what evolutionary pressures were exerted that selected for such processing? Explores possible ways to answer this question with research in anthropology, neurobiology, philosophy, psychology, genetics, sociality, and other disciplines. Faculty from a variety of departments attend discussions in their areas of expertise and assist students in coming to their own conclusions.

Class Notes: **To be admitted to this course, attend first class meeting and complete MBB Seminar Lottery (instructions at https://mbb.harvard.edu/seminars). Enrollment priority to MBB track juniors and MBB secondary field juniors.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

Mind, Brain & Behavior 980H

What Disease Teaches about Cognition (109866)

Michael Alexander

William Milberg

2020 Spring (4 Credits) **Schedule:** T 0345 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 14

Seeks to reconcile the complicated and messy problems of patients with brain disease with the concise analysis of precisely defined cognitive functions in normal subjects. Students will learn to overlap cognitive functions on to the brain in disease - at the gross dissection and imaging levels - and to understand some of the complex interactions of individual cognitive operations in disease. Includes dissection of a human brain, mapping on to imaging, dissection of multi-dimensional clinical disorders into their component functional parts.

Class Notes: **To be admitted to this course, attend first class meeting and complete MBB Seminar Lottery (instructions at https://mbb.harvard.edu/seminars). Enrollment priority to MBB track juniors and MBB secondary field juniors.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

Mind, Brain & Behavior 980M

Functional Neuroimaging of Psychiatric Disorders: Insights into the Human Brain-Mind (160759)

David Silbersweig

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Functional brain imaging has revolutionized the study of systems-level behavioral neuroscience and psychiatric disorders, through the ability to localize and characterize distributed brain activity directly associated with perception, cognition, emotion and behavior in disorders where there are not gross brain lesions. This seminar will introduce students to translational neuroimaging methods at the interface of neuroscience, psychology and medicine. It will cover recent and ongoing advances in our understanding of fronto-limbic-subcortical brain circuitry across the range of psychiatric disorders (e.g. mood disorders, anxiety disorders, psychotic disorders, personality disorders, addictions). It will discuss new, emerging biological (as opposed to descriptive) taxonomies and conceptualizations of mental illness and its treatment. It will explore the implications of such knowledge for issues such as consciousness, meaning,

free will, emotion, resilience, and religiosity. It will incorporate clinical observations, scientific data and readings, and examine future directions in brain-mind medicine.

Class Notes: **To be admitted to this course, attend first class meeting and complete MBB Seminar Lottery (instructions at https://mbb.harvard.edu/seminars). Enrollment priority to MBB track juniors and MBB secondary field juniors.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Mind, Brain & Behavior 980N Section: 1

Neuroaesthetics (161267)

Nancy Etcoff

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 18

Focuses on neuroaesthetics, an emerging field offering a scientific perspective on the nature of art and the ways that art reveals human nature. Integrates findings from neuroscience, psychology, evolutionary biology, philosophy, and scholarship in the arts and humanities. Begins with a brief history of ideas on aesthetics, art, beauty, and pleasure. Considers the neural underpinnings of response to art in the brain's reward system and default network. Among the questions considered: Why are people drawn to art that is neither conventionally beautiful nor entirely pleasurable? Is art a vehicle for simulating experiences and understanding other minds? What does it mean to "enjoy" sad music or chills and thrills in response to fiction or film? Can art promote well-being? The course will focus on visual art, fiction, film, and to a lesser extent, music, and on our response to art rather than its creation. The course will include a semester long gallery classroom at the Harvard Art Museum with original works of art from the museum's collections that will serve as primary source materials for study and as subjects of assignments.

Class Notes: **To be admitted to this course, attend first class meeting and complete MBB Seminar Lottery (instructions at https://mbb.harvard.edu/seminars). Enrollment priority to MBB track juniors and MBB secondary field juniors.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

Mind, Brain & Behavior 980P Section: 1

The Role of Music in Health and Education (205158)

Lisa Wong

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 18

Music shapes the course of human history at both a micro and macro scale; it can make an individual weep and rally crowds of thousands to cheer. The "universal language" has the power to connect people who share no other common ground. Its power to bind people together is intuitively understood, but only through recent neuroimaging advances over the past 50 years have scientists been able to move past intuition to reveal its impact on the brain. Through this course, we will examine the exciting progress of the fields of music and medicine, through a variety of lenses. Who are the key investigators and practitioners in today's emerging music / brain landscape? What are the latest discoveries about how music influences the brain? How does the direct application of music function — how do we hear, how do we listen, and what happens when this process goes wrong? What has music's role been through human history, and where does that bring us today? This course invites the student to deepen his/her relationship with music exploring different aspects of the art form through several perspectives, including neuroscientist, educator, musician, therapist, patient, and healthcare provider. By the end of this course, the learner will (1) understand the effect of music on the developing brain; (2) understand the mechanism of hearing music; (3) consider the pathophysiology of disordered movement and hearing and how music can be used therapeutically; and (4) understand how other disciplines can add educational and neuroscientific knowledge to therapeutic uses of music. Students will be invited to bring their own experiences to the seminar, and to pursue a final independent project, conducting a combination of scientific, historical, education, or psychology research. In the final weeks, they will present their findings to the group in oral, written or musical format. Given the transdisciplinary nature of the work, students will be challenged to read literature from a variety of genres, from lay literature to educational monographs to scientific papers. This will lead to discussion of one of the key questions in interdisciplinary study between the sciences and the arts: how to research and document outcomes. How do we agree on common definitions of research in disparate fields? What constitutes research to a musician? A music therapist? A neuroscientist? A physician? What is proof of success? What can/should be measured?

Course Notes: **Preference to juniors in MBB tracks or MBB secondary field.**

Class Notes: **To be admitted to this course, attend first class meeting and complete MBB Seminar Lottery (instructions at https://mbb.harvard.edu/seminars). Enrollment priority to MBB track juniors and MBB secondary field juniors.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Mind, Brain & Behavior 980R Section: 1

Psychopaths and Psychopathy: Psychological, Neuroscientific, Legal, and Policy Issues (207090)

Ellsworth Fersch

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 18

Psychopathy is often used to describe individuals who act in criminal even non-criminal predatory or conscience-less fashion. It is not, however, an official term in the Diagnostic and Statistical Manual of Mental Disorders, though antisocial personality disorder has in the past been described as encompassing psychopathy and sociopathy. Psychopathy was explored by Cleckley in his 1944 book The Mask of Sanity: and by Robert Hare in his 1999 book Without Conscience, and in his 2003 revision of his Psychopathy

Check-list. My psychology department seminar on Psychopaths and Psychopathy a decade ago focused on behavioral research and case studies up to that time. By that time the American Psychiatric Association had issued a statement that psychopaths and those with antisocial personality disorder were not, for heuristic reasons, eligible for the insanity defense. Also, at that time, the determination that a convicted killer was a psychopath was often a strong indicator that the death penalty was warranted. Since then neuroscience research has increasingly explored brain structure and brain function in relation to the disorder causing some professionals to reevaluate the applicability of former positions on insanity and other defenses. Related research has further examined social and philosophical factors, and further operationalized behavioral considerations. In this interdisciplinary discussion-based seminar, students from any of a number of concentrations will examine and discuss that newer research in the context of previous research, and will write and present a briefer case study as well as a longer paper about a topic of their choosing.

Class Notes: **To be admitted to this course, attend first class meeting and complete MBB Seminar Lottery (instructions at https://mbb.harvard.edu/seminars). Enrollment priority to MBB track juniors and MBB secondary field juniors.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

Mind, Brain & Behavior 980S

Cognitive Neuroscience of Meditation (207091)

Sara Lazar

2020 Spring (4 Credits) **Schedule:** M 0600 PM - 0800 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Buddhist philosophy describes a model of how the mind works, as well as a method, mindfulness meditation, that can be used as a tool to transform consciousness and reduce mental distress. Neuroscientists have begun to study the impact of meditation on brain structure and function, often using Buddhist philosophy to guide their hypotheses. We will review and discuss how the science relates to Buddhist philosophy, using the four foundations of mindfulness as the primary framework. We will also compare and contrast the Buddhist model with modern scientific models of how conscious experience is created in the brain, in order to gain a more nuanced understanding of consciousness that integrates philosophy, neuroscience, and personal experience. No prior knowledge of Buddhism is required. The course will be a mixture of lecture, discussion of two primary scientific articles that are assigned each week, and formal powerpoint presentations by students. Students will write a final paper on a topic of their choice that is relevant to the themes of the course.

Class Notes: **To be admitted to this course, attend first class meeting and complete MBB Seminar Lottery (instructions at https://mbb.harvard.edu/seminars). Enrollment priority to MBB track juniors and MBB secondary field juniors.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Mind, Brain & Behavior 980V Section: 1

The Functional and Structural Human Brain Connectome (215757)

Lisa Nickerson

2020 Spring (4 Credits)		**Schedule:**	T 0300 PM - 0500 PM
Instructor Permissions:	Instructor	**Enrollment Cap:**	15

Studies of functional connectivity (FC) of the human brain using functional magnetic resonance imaging (FMRI) data collected during wakeful rest have revolutionized our understanding of the brain's organization at the network level. Consistent with networks observed at rest, in vivo FMRI studies of brain activity during performance of tasks also reveal that large-scale brain networks that are engaged during task performance are the same as those that are "active" at rest. More recently, structural MRI has revealed gray matter structural covariance networks and advances in diffusion MRI have made it possible to study the white matter structural connectome via in vivo fiber tracking. In this course, we will learn the basics of MRI methods used for connectomics research, including structural, diffusion, and functional MRI, and how each of these techniques are used to study the structural and functional connectome of the human brain. Key methodological and interpretational issues for each technique will be discussed, including comparative neuroanatomy research that aims to integrate MRI connectomic measures with findings from translational studies using tracer injections to gain an understanding of the mechanisms underpinning MRI measures of connectivity. We will then discuss some of the brain networks that have been reported in the literature using these methods, and the links between structural and functional connectomes, with a focus on networks implicated in psychopathology and addiction. Last, we will discuss open access resources for connectomics research, including CoCoMac, the Healthy Adult Connectome Project, Lifespan and Disease Connectome Projects, and the CONNECT Project.

Course Notes: **To be admitted to this course, attend first class meeting and complete MBB Seminar Lottery (instructions at https://mbb.harvard.edu/seminars). Enrollment priority to MBB track juniors and MBB secondary field juniors.**

Class Notes: **To be admitted to this course, attend first class meeting and complete MBB Seminar Lottery (instructions at https://mbb.harvard.edu/seminars). Enrollment priority to MBB track juniors and MBB secondary field juniors.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Molecular and Cellular Biology

Subject: Molecular & Cellular Biology

Molecular & Cellular Biology 60

Cellular Biology and Molecular Medicine (110424)

Dominic Mao

Vladimir Denic

David Fronk

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course provides an introduction to the principles of molecular and cellular biology and their connections to biomedicine. We explore how medical syndromes provide insights into biological processes and how biological mechanisms underlie human disease and physiology. Topics range from DNA repair, protein folding and vesicle transport to metabolism, cell migration and cancer. Lectures focus on the experimental evidence for key concepts, and the weekly sections combine a discovery-based laboratory research project with discussions that emphasize problem solving and primary literature.

Recommended Prep: **LS 1b recommended.**

Requirements: **Prerequisite: LPS A OR LS 1a**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Molecular & Cellular Biology 63

Biochemistry and Molecular Medicine (110450)

Alain Viel

Jessica Liu

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The course integrates an introduction to the structure of macromolecules and a biochemical approach to cellular function. Topics addressing protein function will include enzyme kinetics, the characterization of major metabolic pathways and their interconnection into tightly regulated networks, and the manipulation of enzymes and pathways with mutations or drugs. An exploration of simple cells (red blood cells) to more complex tissues (muscle and liver) is used as a framework to discuss the progression in metabolic complexity. Students will also develop problem solving and analytical skills that are more generally applicable to the life sciences.

Requirements: **Prerequisite: LS 1a OR LPS A OR LIFESCI 50A/B**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Molecular & Cellular Biology 64

Cell Biology in the World (110451)

Robert Lue

Jessica Liu

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course teaches fundamental concepts in cell biology in the context of individual life histories drawn from different parts of the world. Each life case focuses on key aspects of human development, growth, aging and disease while providing a nuanced view of the interplay between the life sciences, geography and culture. For example, a comparative discussion of aging in the United States and Japan is used to explore diet, cellular metabolism and its relationship to protein damage and turnover, while the Human Immunodeficiency Virus and AIDS in South Asia is used to explore mucosal immunity and the basis for estimating relative infection risk. Each case delves into the cell biology of major biological events across the life history of the human

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Molecular & Cellular Biology 65

Physical Biochemistry: Understanding Macromolecular Machines (114796)

Monique Brewster

Martin Samuels

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

The course aims to develop fundamental concepts of biochemistry as they apply to macromolecules, including protein and nucleic acid structure, thermodynamics and kinetics, ligand interactions and chemical equilibria. The course will also emphasize how these concepts are used in studies of the structure and function of biological molecules, including examples from metabolism. In the weekly section, students will undertake a discovery-based laboratory research project in which they will apply these concepts toward understanding the structure and function of the ATPase domain from the ABC transporter associated with antigen processing (TAP).

Requirements: **Prerequisite: (LPS A OR LS 1a) AND (CHEM 20 OR CHEM 17)**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Molecular & Cellular Biology 80

Neurobiology of Behavior (117711)

Venkatesh Murthy

Kathleen Quast

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to the ways in which the brain controls mental activities. The course covers the cells and signals that process and transmit information, and the ways in which neurons form circuits that change with experience. Topics include the neurobiology of perception, learning, memory, language, emotion, and mental illness. This year we are changing the way in which this material is taught by emphasizing more student participation through active learning techniques and by providing real-world experiences and hands-on demonstrations each week.

Course Notes: **The course is open to students with little formal training in biology.**

This course cannot be taken if Neuro 80 has already been taken. MCB 80 cannot be taken concurrently with Neuro 80.

Class Notes: **First Meeting: Wednesday, September 4th from 10:30-11:45 AM in the Geological Museum Lecture Hall (Room 100)**

Second Meeting: Friday, September 6th from 10:30-11:45 AM in the NWL Atrium (Basement)

Requirements: **Anti-Req: Cannot be taken for credit if MCB 81 or NEURO 80 already complete.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science

Molecular & Cellular Biology 91

Research for Credit in Molecular and Cellular Biology (122529)

Dominic Mao

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Laboratory research in topics related to the Molecular and Cellular Biology Concentration under the direction of, or approved by, members of the Board of Tutors.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science

Molecular & Cellular Biology 91

Research for Credit in Molecular and Cellular Biology (122529)

Dominic Mao

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Laboratory research in topics related to the Molecular and Cellular Biology Concentration under the direction of, or approved by, members of the Board of Tutors.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Molecular & Cellular Biology 99A

Laboratory Research for Honors Thesis (122530)

Dominic Mao

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For honors candidates writing a thesis in Molecular and Cellular Biology. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Indivisible Course

Molecular & Cellular Biology 99B

Laboratory Research for Honors Thesis (159651)

Dominic Mao

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

For honors candidates writing a thesis in Molecular and Cellular Biology. Ordinarily may not be taken as a fifth course. Students must complete both terms of this course (A and B) in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
Full Year Course	Indivisible Course
FAS: Course Level	Primarily for Undergraduate Students
Course Search Attributes	Display Only in Course Search

Molecular & Cellular Biology 100

Experimental Research in Molecular and Cellular Biology (160364)

Alain Viel

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A laboratory course that immerses students in a dynamic project-based research environment. Participate in experimental projects directly linked with ongoing faculty research. Students select a project from the following research tracks: neurobiology, microbial sciences, cell biology, and synthetic biology. New projects, including some in other research fields, are offered every term. In a highly collaborative atmosphere, students form a fully-functional and diverse research group based on the sharing of ideas and progress reports between projects. The spring microbiology project is part of the "genomes to Biomes" series. This course cannot be taken concurrently with LifeSci 100

Recommended Prep: **LPS A or LS 1a or permission of the instructor. Students interested in a neurobiology project will need MCB 80 or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Molecular & Cellular Biology 100

Experimental Research in Molecular and Cellular Biology (160364)

Alain Viel

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A laboratory course that immerses students in a dynamic project-based research environment. Participate in experimental projects directly linked with ongoing faculty research. Students select a project from the following research tracks: neurobiology, microbial sciences, cell biology, and synthetic biology. New projects, including some in other research fields, are offered every term. In a highly collaborative atmosphere, students form a fully-functional and diverse research group based on the sharing of ideas and progress reports between projects. The spring microbiology project is part of the "genomes to Biomes" series. This course cannot be taken concurrently with LifeSci 100

Recommended Prep: **LPS A or LS 1a or permission of the instructor. Students interested in a neurobiology project will need MCB 80 or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Molecular & Cellular Biology 105

Systems Neuroscience (117341)

Florian Engert

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The neuronal basis of sensory processing and animal behavior will be explored in many different model systems as diverse as honeybees, weakly electric fish, and humans. Special emphasis is placed on the role of activity dependent modulation of neuronal connections in the context of learning, memory, and development of the nervous system.

Class Notes: **MCB 105 is also offered as NEURO 105. Students may not enroll in both.**

Requirements: **Pre-requisite: MCB/NEURO 80 or Instructor Approval.**
Anti-requisite: Cannot be taken for credit if NEURO 105 is already complete.

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Molecular & Cellular Biology 111

Mathematics in Biology (117342)

Elena Rivas

2019 Fall (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course is meant for biologists who want to learn mathematical principles relevant to current biological research, as well as for mathematically oriented students who want to explore applications in biology. About half of the course covers topics on information theory, Bayesian inference, statistics, and probabilistic modeling. The second half of the course covers dynamical systems in biology, including random walks, feedback control, and molecular population dynamics.

Each week-long unit is devoted to one specific topic, and is based in one or more scientific papers selected from the recent literature. For instance, one unit is devoted to Maximum likelihood methods in the context of quantitative trait loci analysis; another unit explores probabilistic models in the context of inferring ancestry and recombination breakpoints from genomic reads in fly populations.

Recommended Prep: **Mathematics 19 or higher.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
Quantitative Reasoning with Data	Yes

Molecular & Cellular Biology 112

Biological Data Analysis (203081)

Sean Eddy

2019 Fall (4 Credits) **Schedule:** MWF 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 75

Biology has become a computational science, requiring analysis of large data sets from genomics, imaging, and other technologies. This course teaches computational methods in biological data analysis, using an empirical and experimental framework suited to the complexities of biological data, emphasizing computational control experiments. The course is primarily aimed at biologists learning computational methods, but is also suited for computational statistical scientists learning about biological data.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
Quantitative Reasoning with Data	Yes

Molecular & Cellular Biology 115

Cellular Basis of Neuronal Function (114789)

Ryan W. Draft

Kathleen Quast

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 26

The essential function of a neuron is to processes complex signals derived from the external world. In doing so, neurons employ diverse mechanisms that respond to chemical and electrical signals with incredible sensitivity and plasticity. In this course, we will study these electrical, molecular, and cellular processes using biophysical and biological approaches. Specifically, we will explore topics on excitable membranes, neurotransmission, ion channels, dendritic integration, intracellular signaling, and synaptic plasticity in the context of real cells and brain circuits. Additionally, there will be a hands-on laboratory section for students to learn to collect and analyze data from common electrophysiological methods (patch clamping and extracellular recording in cultured cells and brain slices).

Laboratory section (2 hours) will be scheduled ad hoc after enrollment on either Thursdays, Fridays, or Mondays.

Class Notes: **MCB 115 is also offered as NEURO 115. Students may not enroll in both.**

Requirements: **Pre-requisite: MCB/NEURO 80 or Instructor Approval.**
Anti-requisite: Cannot be taken for credit if NEURO 115 is already complete

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Molecular & Cellular Biology 121

The Microbes (127813)

Karine Gibbs

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This general microbiology course will focus on the genetics, cell biology, and physiology of microorganisms. The goal of this course is to give the students a broad overview of microbial physiology in the context of disease and environmental applications. The course will primarily consist of lectures with problem sets; we will also incorporate current and classical literature.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Molecular & Cellular Biology 125

Molecular Basis of Behavior (159655)

Catherine Dulac

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Modern molecular genetic approaches are teaching us a great deal on how the brain controls behaviors. This course will cover newly developed experimental strategies of molecular neuroscience, and how they have helped uncover the nature and identity of behavior circuit components. How genes and molecules affect behaviors will be investigated through key examples of mammalian behaviors with an emphasis on instinctive and social behaviors, their expression, development, and associated mental disorders.

Class Notes: **MCB 125 is also offered as NEURO 125. Students may not enroll in both.**

Requirements: **Anti-Req: Students who have taken NEURO 125 cannot take this course for credit.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science

Molecular & Cellular Biology 129

The Brain: Development, Plasticity and Decline (124817)

Sam Kunes

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 50

A lecture and discussion course on how the brain develops, employs plasticity to adapt to its environment and undergoes functional decline with aging. Topics include the birth, death and identity of neurons, axon guidance and synaptic specificity, adult neurogenesis, developmental disorders of synaptic function and memory, including autism and Alzheimer's Disease. We explore how the brain loses function with aging. Course assignments emphasize critical evaluation of the primary literature, experimental design and scientific writing.

Recommended Prep: **Permission of the instructor.**

Requirements: **Anti-Requisite: Cannot be taken for credit if NEURO 129 already complete.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Molecular & Cellular Biology 133

Unique Cells and Organisms (212828)

Nicholas Bellono

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course will focus on how the physiology of specialized cell types gives rise to unique features and behaviors across a variety of interesting creatures. Classwork will emphasize primary literature and scientific writing to strengthen students' skills in critical thinking, interpretation of data, and experimental design. Students will end their semester by developing a research proposal and presentation based on their own curiosity in an interesting physiological question.

Requirements: **Prerequisite: MCB 60 OR MCB 80 OR NEURO 80 OR SCRB 10**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science

Molecular & Cellular Biology 143

Neurobiology of Vision and Blindness (207772)

Joshua Sanes

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

The visual system fascinates biologists, in part because humans are such visual animals. This also makes loss of vision a pressing concern: many Americans regard blindness as the worst ailment they could get, fearing it more than Alzheimer's or AIDS. For these reasons, as well as because of Its relative accessibility, the visual system is a favored model for studying fundamental aspects of neurobiology, as well as for testing novel therapeutic approaches, such as gene therapy. This course will cover key topics in the structure, function and development of the mammalian visual system, and then use them as a basis for considering causes of blindness and potential cures.

Class Notes: **MCB 143 is also offered as NEURO 143. Students may not enroll in both.**

Recommended Prep: **MCB 80 or NEURO 80 is recommended.**

Requirements: **Pre-requisite: MCB/NEURO 80 or Instructor Approval.**
Anti-requisite: Cannot be taken for credit if NEURO 143 is already complete.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Molecular & Cellular Biology 148

The Neurobiology of Pain (159880)

Ryan W. Draft

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This course will explore the neurobiological systems and mechanisms underlying both acute and chronic pain. Topics will include nociceptive/sensory systems, molecular basis and modulation of pain, neuroanatomy of peripheral and central pain circuits, pain pathologies, pharmacological and non pharmacological treatments. The emphasis will be on understanding basic neurobiological concepts underlying pain systems and reading/discussing the primary scientific research in the field.

Requirements: **Pre-requisite: MCB/NEURO 80 or Instructor Approval.**
Anti-requisite: Cannot be taken for credit if NEURO 148 is already complete

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Molecular & Cellular Biology 165

Interplay between Viruses and their Hosts (156010)

Victoria D'Souza

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course provides a foray into virology, advanced cell biology, biochemistry and structural biology topics through the lens of viruses as they invade their hosts. To demonstrate concepts, a particular emphasis is placed on the human immunodeficiency virus (HIV), which provides well-studied examples of intricate virus-host interactions that occur throughout its complex life cycle.

Requirements: **Prerequisite: MCB 60 OR (MCB 52 AND MCB 54)**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Molecular & Cellular Biology 169

Molecular and Cellular Immunology (111720)

Shiv Pillai

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

The immune system is frontier at which molecular biology, cell biology, and genetics intersect with the pathogenesis of disease. The course examines in depth the cellular and molecular mechanisms involved in the development and function of the immune system and also analyzes the immunological basis of human disease including AIDS and other infectious diseases, autoimmune disorders, allergic disorders, primary immunodeficiency syndromes, transplantation, and cancer.

Recommended Prep: **Genetics and cell biology strongly recommended.**

Requirements: **Prerequisite: LPS A OR LS 1a**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Molecular & Cellular Biology 170

Brain Invaders: Building and Breaking Barriers in the Nervous System (109636)

Laura M. Magnotti

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

The brain has evolved a unique but very effective system to protect itself from invaders. In this course, we will explore the specific defenses that the nervous system uses to protect itself. We will also examine how some pathogens evade or breach those defenses and the impact of those invasions. Finally, we will explore how scientists have been able to translate their understanding of these pathogenic mechanisms into technologies for research and therapeutic applications.

Class Notes: **MCB 170 is also offered as NEURO 170. Students may not enroll in both.**

Requirements: **Pre-requisite: (LPS A OR LS1a) AND MCB/NEURO 80 or Instructor Approval.**
Anti-requisite: Cannot be taken for credit if NEURO 170 is already complete

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Molecular & Cellular Biology 176

Biochemistry of Membranes (112742)

Guido Guidotti

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 25

A course on the properties of biological membranes, essential elements for cell individuality, communication between cells, and energy transduction. Topics include: membrane structure; membrane protein synthesis, insertion in the bilayer and targeting; transporters, pumps and channels; electron transport, H+ gradients and ATP synthesis; membrane receptors, G proteins and signal transduction; membrane fusion.

Recommended Prep: **MCB 60 or MCB 52 and MCB 54 are recommended but not required.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Molecular & Cellular Biology 178

Biochemistry of Protein Complexes (128150)

Guido Guidotti

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

A course on the properties of protein complexes that serve as supports, machines and motors. Topics include : hemoglobin, actin filaments, myosin function, microtubules, kinesin, metabolon, photosynthesis, rotary motors, nuclear pores and transport, proteasome. Lecture on Monday is followed by student presentations on Wednesday. The course involves reading two research papers per week, and writing a research proposal.

Recommended Prep: **Chemistry 27 and MCB 60 or MCB 54 are recommended, but not required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Molecular & Cellular Biology 186

Sleep and Circadian Clocks: from Biology to Public Health (112001)

Charles Czeisler

Frank Scheer

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 125

The impact of the brain's circadian clock on sleep becomes evident when we travel across time zones or shift our sleep on weekends. How does this clock work? How does light from a tablet or smartphone affect our biology? What is the best time for sleep? What about naps? This course will explore the neurobiology of the brain's circadian clock that regulates the timing and structure of sleep, its interaction with the periodic environment, and the consequences of circadian disruption in our 24/7 society on health, performance and safety.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Molecular & Cellular Biology 198

Advanced Mathematical Techniques for Modern Biology (127011)

Sharad Ramanathan

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

How do we find biologically meaningful patterns in a large amount of data? How do animals learn to use patterns in the environment to infer information despite the ignorance of the underlying laws? The course will introduce Bayesian analysis, maximum entropy principles, hidden markov models and pattern theory in order to study DNA sequence, gene expression and neural spike train data. The relevant biological background will be covered in depth.

Recommended Prep: **A strong background in calculus, linear algebra, fourier analysis, complex analysis at the advanced undergraduate level and an introductory knowledge of probability theory is required. Knowledge of statistical mechanics and comfort with programming will be useful.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
Quantitative Reasoning with Data	Yes

Molecular & Cellular Biology 208

Talking about Science (121320)

Michael Greenberg

Jeff W. Lichtman

Richard Losick

2020 Spring (4 Credits) **Schedule:** M 0430 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Teaches advanced students how to give a good research talk while exposing them to seminal scientific discoveries. Emphasis will be on speaking style, lecture organization, and use of video projection tools.

Course Notes: **In addition to lecture material from the instructor, students will present experiments from Nobel Prize-winning work. The presentations will be critiqued in class by the participants. Open to second year graduate students or with permission of the instructor.**

Class Notes: **Course time is officially 4:30 - 7:15 pm, and will be held on the Longwood Campus, Warren Alpert Building Rm 236.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Molecular & Cellular Biology 290

Current Topics in Molecular, Cellular and Organismal Biology (159566)

Vladimir Denic

2020 Spring (2 Credits) **Schedule:** F 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This class teaches students how to publicly present scientific papers to a diverse audience with emphasis on contextualizing the scientific problem under discussion, critically presenting the essential data, and using an engaging presentation style. Required for all first year graduate students in the Molecules, Cells and Organisms (MCO) Training Program.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Molecular & Cellular Biology 291

Genetics, Genomics and Evolutionary Biology (124899)

Craig Hunter

James Mallet

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This course covers the fundamentals of classical genetics, molecular genetics, macro- and microevolution, phylogenetics, and developmental evolution. The emphasis is on major concepts and terminology, reading landmark primary literature, and acquainting students with research techniques.

Course Notes: **Required for first year graduate students in the Molecules, Cells and**

Organisms (MCO) Training Program.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Molecular & Cellular Biology 292

Cellular Biology, Neurobiology and Developmental Biology (124900)

Ethan Garner

Joshua Sanes

Bence Olveczky

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 20

The biology of the individual cell lies at the heart of multi-cellular phenomena such as development and neural function. This course will emphasize critical evaluation of the primary literature, experimental design and scientific writing.

Course Notes: **Required for first year graduate students in the Molecules, Cells and Organisms (MCO) Program, but open to graduates of all programs.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None

Molecular & Cellular Biology 293

Biochemistry, Chemical and Structural Biology (124901)

Doeke Hekstra

David Fronk

2020 Spring (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This course will introduce basic principles in general, organic and physical chemistry, including kinetics and thermodynamics, as well as macromolecular structure. Concepts will be illustrated with examples taken from the visual system.

Course Notes: **Required for first year graduate students in the Molecules, Cells and Organisms (MCO) Training Program.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Molecular & Cellular Biology 294

Interesting Questions in Physical Biology (122422)

Nancy Kleckner

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Physical biology can be defined as a discipline that seeks to understand biological processes through the lens of physics and engineering. Faculty and students will unite to review current research with the aim of identifying and pondering interesting emerging questions in this area. Combination of lecture and discussion format. Comprises a series of two-week modules, most of which are given by a one or a pair of faculty drawn from MCB, Physics and SEAS.

Course Notes: **Intended primarily for first year graduate students in the EPB PhD track of the MCO program but available to other graduate students and advanced undergraduates as space permits.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Molecular & Cellular Biology 300A

Introduction to Graduate Research (114226)

Victoria D'Souza

Craig Hunter

Venkatesh Murthy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
Full Year Course	Divisible Course
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Molecular & Cellular Biology 300B

Introduction to Graduate Research (159574)

Victoria D'Souza

Craig Hunter

Venkatesh Murthy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
Full Year Course	Divisible Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Molecular & Cellular Biology 301A

Synapse Formation (122022)

Joshua Sanes

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Molecular & Cellular Biology 301B

Synapse Formation (159575)

Joshua Sanes

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
Full Year Course	Divisible Course
FAS Divisional Distribution	None

Molecular & Cellular Biology 304A

Experimental Biological Physics and Quantitative Cell Biology (125080)

Daniel Needleman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
Full Year Course	Divisible Course
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Molecular & Cellular Biology 304B

Experimental Biological Physics and Quantitative Cell Biology (159576)

Daniel Needleman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
Full Year Course	Divisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Molecular & Cellular Biology 305A

Signaling Processing and Systems Biology (125081)

Sharad Ramanathan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course

Molecular & Cellular Biology 305B

Signaling Processing and Systems Biology (159577)

Sharad Ramanathan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Molecular & Cellular Biology 306A

Biophysics and Physiology of Neurons (112326)

Venkatesh Murthy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Molecular & Cellular Biology 306B

Biophysics and Physiology of Neurons (159578)

Venkatesh Murthy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll

Molecular & Cellular Biology 307A

Developmental Genetics and Neurobiology (148233)

Alexander Schier

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
Full Year Course	Divisible Course

Molecular & Cellular Biology 307B

Developmental Genetics and Neurobiology (159579)

Alexander Schier

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Molecular & Cellular Biology 309A

Sensory Processing in Visual Cortical Circuits (109450)

David Cox

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll

Molecular & Cellular Biology 309B

Sensory Processing in Visual Cortical Circuits (159581)

David Cox

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Molecular & Cellular Biology 310A

Optical Approaches to Understanding Prokaryotic Cellular Organization (109586)

Ethan Garner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll

Molecular & Cellular Biology 310B

Optical Approaches to Understanding Prokaryotic Cellular Organization (159582)

Ethan Garner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
Full Year Course	Divisible Course
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Molecular & Cellular Biology 313A

Physical Biology of Chromosomes (118053)

Nancy Kleckner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Molecular & Cellular Biology 313B

Physical Biology of Chromosomes (159598)

Nancy Kleckner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Molecular & Cellular Biology 314A

Computational Genome Sequence Analysis (203418)

Sean Eddy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Molecular & Cellular Biology 314B

Computational Genome Sequence Analysis (203419)

Sean Eddy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Molecular & Cellular Biology 315A

Structural Biology of Signaling and Transport Through Biological Membranes (122423)

Rachelle Gaudet

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
Full Year Course	Divisible Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Molecular & Cellular Biology 315B

Structural Biology of Signaling and Transport Through Biological Membranes (159584)

Rachelle Gaudet

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Molecular & Cellular Biology 316A

Structural Biology of Retroviral Replication (122424)

Victoria D'Souza

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Molecular & Cellular Biology 316B

Structural Biology of Retroviral Replication (159585)

Victoria D'Souza

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
Full Year Course	Divisible Course

Molecular & Cellular Biology 318A

Evolutionary Dynamics: Understanding the Physical Nature of Protein Function (205011)

Doeke Hekstra

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Molecular & Cellular Biology 318B

Evolutionary Dynamics: Understanding the Physical Nature of Protein Function (205012)

Doeke Hekstra

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science

Molecular & Cellular Biology 319A

Sensory Biology and Cell Physiology (208123)

Nicholas Bellono

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Molecular & Cellular Biology 319B

Sensory Biology and Cell Physiology (208124)

Nicholas Bellono

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Molecular & Cellular Biology 320A

Gene Expression Regulation by Imprinted Non-coding RNAs (214437)

Amanda Whipple

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Molecular & Cellular Biology 320B

Gene Expression Regulation by Imprinted Non-coding RNAs (214438)

Amanda Whipple

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Molecular & Cellular Biology 322A

Genetics and Development (120918)

Craig Hunter

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Molecular & Cellular Biology 322B

Genetics and Development (159586)

Craig Hunter

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Molecular & Cellular Biology 328A

Neuronal Circuit Development (124233)

Takao Hensch

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
Full Year Course	Divisible Course

Molecular & Cellular Biology 328B

Neuronal Circuit Development (159587)

Takao Hensch

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Molecular & Cellular Biology 331A

Single-Cell Analysis of Transcriptional and Signaling Networks in Bacteria (125382)

Philippe Cluzel

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course

Molecular & Cellular Biology 331B

Single-Cell Analysis of Transcriptional and Signaling Networks in Bacteria (159589)

Philippe Cluzel

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Molecular & Cellular Biology 332A

Mechanisms of Membrane-Based Cell Biological Processes (125383)

Vladimir Denic

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Molecular & Cellular Biology 332B

Mechanisms of Membrane-Based Cell Biological Processes (159590)

Vladimir Denic

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Molecular & Cellular Biology 344A

Molecular and Developmental Neurobiology (111398)

Catherine Dulac

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Molecular & Cellular Biology 344B

Molecular and Developmental Neurobiology (159594)

Catherine Dulac

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
Full Year Course	Divisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Molecular & Cellular Biology 350

Scientific Integrity (156950)

Naoshige Uchida

Polina Kehayova

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

MCB 350 is a discussion forum on scientific integrity using case studies to examine basic ethical and regulatory requirements for conducting research, and fulfills the National Institutes of Health (NIH) and National Science Foundation (NSF) requirements for formal Responsible Conduct of Research (RCR) instruction. Students are required to complete a pre-course assignment, attend all lectures including the final lecture in February, participate in class discussions, and complete a final course evaluation. A certificate will be issued upon successful completion of the course.

Course Notes: **According to NIH Guidelines, students are required to take a Scientific Integrity Refresher Course every four years (*MCB 351).**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Molecular & Cellular Biology 351

Scientific Integrity Refresher (156951)

Sam Kunes

Polina Kehayova

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

MCB 351 is a refresher course in the Responsible Conduct of Research which must be completed by graduate students in the MCO PhD program every 4 years, and fulfills the National Institutes of Health (NIH) and National Science Foundation (NSF) requirements for formal Responsible Conduct of Research (RCR) instruction.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Molecular & Cellular Biology 352

Microscopy (156952)

Jeff W. Lichtman

Douglas Richardson

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course presents the fundamental concepts that underlie modern light microscopy in a rigorous but non-mathematical way for biological applications. The students will learn about the four major frameworks for light (ray optics, wave optics, electromagnetism, and quantum optics). The ways lenses work, the theory of resolution, and the optical design of the compound microscope will be described. The course will also

describe the photo-physical principles that underlie fluorescence and genetically encoded fluorescent proteins, and light detector and imaging strategies. Scanning (confocal and 2P), light sheet and super-resolution microcopies will also be described. We will end with a tour of the Harvard Center of Biological Imaging.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Molecular & Cellular Biology 353

Building Your Own Microscope (160485)

Venkatesh Murthy

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Microscopes of various sorts are used by most biologists, who typically buy these off the shelf. With a little knowledge, however, most biologists can build their own microscopes to do many of the things that the commercial ones do. In this quarter course, you will learn to build an epifluorescence microscope and to acquire images using a computer.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Molecular & Cellular Biology 354

Introduction to Model Organisms (160493)

Craig Hunter

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Model organisms are embedded in our scientific culture, from text books on the discovery of genetic material, to mod-encode genome projects. This quarter course is a means to formally introduce an enormously successful experimental scientific approach that has revealed uncountable new biological mechanisms for the last 70 years. Students in this class will engage in hands-on learning exercises to become familiar with commonly used model organisms. They will learn about the genesis of each model system and compare and contrast the features and available experimental approaches that govern whether a particular organism is an appropriate model for different biological phenomena.

Course Notes: **Limited to first year graduate students in the MCO Ph.D. program.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Molecular & Cellular Biology 356

Practical Introduction to Robotics (160558)

Benjamin de Bivort

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 20

Automation and robotics have revolutionized molecular biology. Liquid handling robots are already facilitating the "omics" revolution in genome sequencing, proteomics and high throughput screening. Now, neuroscience and microscopy are adopting robotics for throughput and experiments requiring precision and repeatability, like targeted microelectrode placement. In this nano course, students will learn 1) basic principles of practical robotics including the interaction of software and hardware, 2) the roles of drivers, control cards, microcontrollers and sensor electronics, and 3) practical engineering skills including basic soldering, measurement of voltage, conductivity, polarity and resistance. Students will explore the challenges of translating conceptual operational algorithms into physical implementations.

Course Notes: **To enroll, students must be apart of a Life Science Graduate Program, or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Molecular & Cellular Biology 357

Bioinformatics (207472)

Timothy Sackton

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 60

This week long intensive workshop run by the Harvard FAS Informatics group will introduce students to the tools needed to conduct bioinformatic analysis of high-throughput sequencing data. The first part of the week will introduce universal, foundational tools: the R language and the Unix command line. We will cover a basic introduction to the R programming language, including concepts of tidy data and data pre-processing, data visualization techniques, and extending R using packages and custom functions. We will also cover a basic introduction to the Unix command line and high-performance computing with the Odyssey cluster. The second part of the week will be split into two tracks: a functional genomics track, focusing on methods for expression analysis using RNA-seq and single cell RNA-seq; and population and comparative genomics track, focusing on methods for analyzing population resequencing and phylogenetic data, although in both cases additional topics will be covered as time permits. While some prior experience

with the Unix command line and R or another programming language would be useful, it is not required and this course is designed to ensure that everyone regardless of previous experience will gain familiarity and comfort with bioinformatics.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Molecular & Cellular Biology 358

Mass Spectrometry (212804)

Christina Woo

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

This course will provide an introduction to shotgun proteomics: from sample preparation, the processes within mass spectrometer, and how to analyze the data obtained from this technique.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Molecular & Cellular Biology 366A

Synaptic Plasticity and Neuronal Networks (117343)

Florian Engert

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
Full Year Course	Divisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Molecular & Cellular Biology 366B

Synaptic Plasticity and Neuronal Networks (159601)

Florian Engert

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Molecular & Cellular Biology 367A

Structural Studies of Synapses (120271)

Jeff W. Lichtman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
Full Year Course	Divisible Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Molecular & Cellular Biology 367B

Structural Studies of Synapses (159602)

Jeff W. Lichtman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
Full Year Course	Divisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Molecular & Cellular Biology 368A

Neural Circuits for Sensation and Behavior (125755)

Naoshige Uchida

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
Full Year Course	Divisible Course
FAS Divisional Distribution	None

Molecular & Cellular Biology 368B

Neural Circuits for Sensation and Behavior (159604)

Naoshige Uchida

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Molecular & Cellular Biology 374A

Developmental Neurobiology (117855)

Sam Kunes

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
Full Year Course	Divisible Course

Molecular & Cellular Biology 374B

Developmental Neurobiology (159605)

Sam Kunes

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
Full Year Course	Divisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Molecular & Cellular Biology 379A

Social Behaviors and Genetics of Bacteria (127012)

Karine Gibbs

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
Full Year Course	Divisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Molecular & Cellular Biology 379B

Social Behaviors and Genetics of Bacteria (159608)

Karine Gibbs

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Molecular & Cellular Biology 381A

Microbial Development (114819)

Richard Losick

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Molecular & Cellular Biology 381B

Microbial Development (159609)

Richard Losick

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Molecular & Cellular Biology 391A

Biochemistry (114317)

Guido Guidotti

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
Full Year Course	Divisible Course
FAS Divisional Distribution	None

Molecular & Cellular Biology 391B

Biochemistry (159611)

Guido Guidotti

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Molecular & Cellular Biology 396A

Regulation of Mitosis (115358)

Andrew Murray

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Molecular & Cellular Biology 396B

Regulation of Mitosis (159612)

Andrew Murray

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
Full Year Course	Divisible Course

Molecular & Cellular Biology 399

Business Practicum in Molecules, Cells and Organisms (214608)

Craig Hunter

Victoria D'Souza

Fanuel Muindi

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 5

Course Notes: **This course can only be taken by Graduate Students in the MCO program. All students need prior consent from their PI, the Program Directors, and the Program Administrators.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Subject: Life Sciences

Life Sciences 1A

An Integrated Introduction to the Life Sciences: Chemistry, Molecular Biology, and Cell Biology (121189)

Richard Losick

Daniel Kahne

Monique Brewster

Sien Verschave

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

What are the fundamental features of living systems? What are the molecules imparting them and how do their chemical properties explain their biological roles? The answers form a basis for understanding the molecules of life, the cell, diseases, and medicines. In contrast with traditional presentations of relevant scientific disciplines in separate courses, we take an integrated approach, presenting chemistry, molecular biology, biochemistry, and cell biology framed within central problems such as the biology of HIV and cancer.

Course Notes: **For more information about the assignment process, please see the course website in the fall. This course, in combination with Life Sciences 1b, constitutes an integrated introduction to the Life Sciences.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration

Life Sciences 1B

An Integrated Introduction to the Life Sciences: Genetics, Genomics, and Evolution (121191)

Hopi Hoekstra

Andrew Berry

Pardis Sabeti

Annie Park

Nava Gharaei

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

How are observable characteristics of organisms influenced by genetics? How do genomes change over time to produce the differences we see among species? This course takes an integrated approach, showing how genetics and evolution are intimately related, together explaining the patterns of genetic variation we see in nature, and how genomics can be used to analyze variation. In covering Mendelian genetics, quantitative genetics, and population genetics, this course will emphasize developments involving our own species.

Course Notes: **This course, in combination with Life Sciences 1a, constitutes an integrated introduction to the Life Sciences.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll

Life Sciences 50A

Integrated Science (159706)

Andrew Murray

Emma Nagy

Michael Desai

Cassandra Extavour

Aravinthan Samuel

2019 Fall (8 Credits) **Schedule:** MTWRF 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 25

This is an intensive two-semester, double course that introduces the natural sciences as an integrated whole to students who have a very strong interest in science. Our goal is to teach students how to solve scientific problems by drawing methods and concepts from biology, chemistry, physics, and mathematics. The course uses examples from biology as an integrating theme, principles from physics and mathematics to reduce complex problems to simpler forms, and computer simulation to allow students to develop their intuition about the behavior of the dynamical systems that control the physical and biological universe. The course includes bootcamps to introduce students to biological experiments and the computer language, Python. Each semester will include a project lab, in which students will work in small teams to do original research on unsolved biological problems.

Class Notes: **Fall 2019 First Meeting Location:**
Northwest B101 from 10:30 AM - 11:45 AM:
- Tuesday, September 03, 2019
- Thursday, September 05, 2019
- Friday, September 06, 2019

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Life Sciences 50B

Integrated Science (159707)

Andrew Murray

Michael Desai

Cassandra Extavour

Benjamin de Bivort

Aravinthan Samuel

Cara Weisman

2020 Spring (8 Credits) **Schedule:** MTWRF 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 41

This is an intensive two-semester, double course that introduces the natural sciences as an integrated whole to students who have a very strong interest in science. Our goal is to teach students how to solve scientific problems by drawing methods and concepts from biology, chemistry, physics, and mathematics. The course uses examples from biology as an integrating theme, principles from physics and mathematics to reduce complex problems to simpler forms, and computer simulation to allow students to develop their intuition about the behavior of the dynamical systems that control the physical and biological universe. The course includes bootcamps to introduce students to biological experiments and the computer language, Python. Each semester will include a project lab, in which students will work in small teams to do original research on unsolved biological problems.

Recommended Prep: **High school calculus.**

Requirements: **Prerequisite: Life Sciences 50A**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
Full Year Course	Divisible Course
FAS: Course Level	Primarily for Undergraduate Students

Life Sciences 100

Experimental Research in the Life Sciences (119061)

Alain Viel

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A laboratory course that immerses students in a dynamic project-based research environment. Participate in experimental projects directly linked with ongoing faculty research. Students select a project from the following research tracks: neurobiology, microbial sciences, cell biology, and synthetic biology. New projects, including some in other research fields, are offered every term. In a highly collaborative atmosphere, students form a fully-functional and diverse research group based on the sharing of ideas and progress reports between projects. The spring microbiology project is part of the "genomes to Biomes" series.

Course Notes: **Location of the first meeting will be announced on the course website. Open to freshmen, sophomores, juniors, and seniors, regardless of concentration, and suitable for students either with or without extensive laboratory experience. The course may only be repeated once and the second enrollment must be approved by the instructor.**

Recommended Prep: **Students interested in a neurobiology project will need MCB 80 or permission of the instructor. Please also note that students cannot take MCB 100 and LS 100 at the same time.**

Requirements: **Prerequisite: LPS A OR LS 1a**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Life Sciences 100

Experimental Research in the Life Sciences (119061)

Alain Viel

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A laboratory course that immerses students in a dynamic project-based research environment. Participate in experimental projects directly linked with ongoing faculty research. Students select a project from the following research tracks: neurobiology, microbial sciences, cell biology, and synthetic biology. New projects, including some in other research fields, are offered every term. In a highly collaborative atmosphere, students form a fully-functional and diverse research group based on the sharing of ideas and progress reports between projects. The spring microbiology project is part of the "genomes to Biomes" series.

Course Notes: **Location of the first meeting will be announced on the course website. Open to freshmen, sophomores, juniors, and seniors, regardless of concentration, and suitable for students either with or without extensive laboratory experience. The course may only be repeated**

once and the second enrollment must be approved by the instructor.

Recommended Prep: **Students interested in a neurobiology project will need MCB 80 or permission of the instructor. Please also note that students cannot take MCB 100 and LS 100 at the same time.**

Requirements: **Prerequisite: LPS A OR LS 1a**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Music

Subject: Music

Music BHFA

Exercises in Tonal Writing and Analysis (112235)

Joseph Jakubowski

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Includes theory (level of Music 150) as well as keyboard and ear training. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Required of all graduate students. This requirement must be met before admission to the General Examination.**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Indivisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students

Music BHFB

Exercises in Tonal Writing and Analysis (160645)

Robert Morrison

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Includes theory (level of Music 150) as well as keyboard and ear training. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Indivisible Course
Course Search Attributes	Display Only in Course Search
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Music 1

Introduction to Western Music, from Bach to Beyoncé (114594)

Michael Uy

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 125

This course introduces you to a variety of art music repertories, and a range of ways to think, talk, and write about them. While we explore some of the great "classics" of the Western musical canon, including works by male composers such as Bach, Beethoven, and Stravinsky, we also discover the critical roles played by renowned female performers, patrons, and writers, as well as the significant impacts made by artists of color, such as Pulitzer-prize winner Kendrick Lamar, and Beyoncé. Ending in the present day, we investigate what music means in a global context, and a world increasingly shaped by new technologies and digital networks. During the semester, you will build a robust vocabulary for analyzing music and articulating a response to it. You will gain an understanding of social, political, and cultural histories of music, and deepen your awareness of the role of musical traditions in your life. Finally, you will possess a strong command over a substantial repertory. No prior knowledge of music history or musical notation is necessary, and you will be graded on the improvements you make in engaging with the material. By the end of class, you will be equipped to embark on a lifetime of informed listening.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Music 2

Foundations of Tonal Music I (118594)

Joseph Jakubowski

2019 Fall (4 Credits) **Schedule:** W 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 108

Seeks to develop a greater understanding of music, musical analysis, and critical listening. We will study some of the organizing principles of musical works (from a range of styles) by means of composition projects, score analysis, and aural skills. While reading knowledge of simple musical notation is helpful, there will be at least one section for students with no previous experience. Additional sections required on Mondays and Fridays, 10:30 - 11:45 am

Course Notes: **Open to all students.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Music 4

Introduction to Composition (111353)

Yvette Jackson

2019 Fall (4 Credits) **Schedule:** T 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 14

Open to students with little or no prior experience in composition. Explores ways of thinking about and organizing basic compositional elements such as melody, harmony, rhythm and instrumental color, as well as developing skills of score preparation and analytical listening. The primary focus of the course is a series of short compositional exercises, culminating in a somewhat longer final project. Workshop performances of students' music take place throughout the term.

Recommended Prep: **Some prior experience in music theory or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Music 10A

Harvard-Radcliffe Orchestra (110112)

Federico Cortese

2019 Fall (2 Credits) **Schedule:** F 0300 PM - 0530 PM
M 0715 PM - 0915 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This is an experiential learning course. The ensemble gives several concerts each year, sometimes joining with the chorus to perform large-scale works. Students are required to attend all rehearsals and certain special Saturday "retreats" announced in advance. Students are expected to practice the music outside the rehearsal time. Grades are based on attendance and participation.

Course Notes: **The course is graded SAT/UNSAT based on attendance and participation. This course may be taken repeatedly, but to receive credit the course must be taken in the Fall and Spring semesters consecutively. A maximum of four semesters (two years) may be counted as credit towards the degree.**

Recommended Prep: **Two contrasting movements or pieces chosen by candidate.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Indivisible Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Music 10B

Harvard-Radcliffe Orchestra (160694)

2020 Spring (2 Credits) **Schedule:** F 0300 PM - 0530 PM
M 0715 PM - 0915 PM

TBD

Instructor Permissions: Instructor **Enrollment Cap:** 100

This is an experiential learning course. The ensemble gives several concerts each year, sometimes joining with the chorus to perform large-scale works. Students are required to attend all rehearsals and certain special Saturday "retreats" announced in advance. Students are expected to practice the music outside the rehearsal time. Grades are based on attendance and participation.

Course Notes: **The course is graded SAT/UNSAT based on attendance and participation. This course may be taken repeatedly, but to receive credit the course must be taken in the Fall and Spring semesters consecutively. A maximum of four semesters (two years) may be counted as credit towards the degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
Full Year Course	Indivisible Course
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Music 14A

Harvard-Radcliffe Collegium Musicum (110114)

Andrew Clark

2019 Fall (2 Credits) **Schedule:** R 0430 PM - 0630 PM

T 0430 PM - 0630 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Harvard-Radcliffe Collegium Musicum (SATB choir). Harvard's nationally acclaimed mixed choir, the Collegium performs a dynamic and innovative repertoire from classical masterpieces to new compositions by renowned, emerging, and student composers. Through collaborative projects, tours, and community engagement, the ensemble fosters a passionate community of student musicians. The Collegium frequently combines with the Glee Club, the Choral Society, and the Harvard-Radcliffe Orchestra, to perform large-scale works. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Audition required. For audition and further information, visit www.singatharvard.com**

The course is graded SAT/UNSAT based on attendance and participation. This course may be taken repeatedly, but to receive credit the course must be taken in the Fall and Spring semesters consecutively. A maximum of four semesters (two years) may be counted as credit towards the degree.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Indivisible Course

Music 14B

Harvard-Radcliffe Collegium Musicum (160655)

Andrew Clark

2020 Spring (2 Credits) **Schedule:** TR 0430 PM - 0630 PM

Instructor Permissions: Instructor **Enrollment Cap:** 60

Harvard-Radcliffe Collegium Musicum (SATB choir). Harvard's nationally acclaimed mixed choir, Collegium, performs a dynamic and innovative repertoire from classical masterpieces to new compositions by renowned, emerging, and student composers. Through collaborative projects, tours, and community engagement, the ensemble fosters a passionate community of student musicians. Collegium frequently partners with the other Harvard Choruses--the Glee Club, and the Radcliffe Choral Society--to perform large-scale works. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Audition required. For audition and further information, visit www.singatharvard.com**

The course is graded SAT/UNSAT based on attendance and participation. This course may be taken repeatedly, but to receive credit the course must be taken in the Fall and Spring semesters consecutively. A maximum of four semesters (two years) may be counted as credit towards the degree.

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Indivisible Course
Course Search Attributes	Display Only in Course Search
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Music 15A

Harvard Glee Club (110115)

Andrew Clark

2019 Fall (2 Credits) **Schedule:** MWF 0445 PM - 0615 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Harvard Glee Club (TTBB Choir). As the nation's oldest collegiate chorus, the Glee Club is a tenor and bass ensemble exploring music written in the male chorus tradition. The Glee Club performs throughout the year, collaborating with arts groups on campus and at other universities, and across the world on annual tours. Through excellence in performance, student-management, education, community, tradition, and philanthropy, the Glee Club offers a unique musical experience for all members. The Glee Club frequently combines with the Collegium and the Choral Society, as well as the Harvard-Radcliffe Orchestra, to perform large-scale works. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Audition required. For audition and further information, visit www.singatharvard.com**

The course is graded SAT/UNSAT based on attendance and participation. This course may be taken repeatedly, but to receive credit the course must be taken in the Fall and Spring semesters consecutively. A maximum of four semesters (two years) may be counted as credit towards the degree.

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Indivisible Course
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Music 15B

Harvard Glee Club (160660)

Andrew Clark

2020 Spring (2 Credits) **Schedule:** MWF 0445 PM - 0615 PM

Instructor Permissions: Instructor **Enrollment Cap:** 60

Harvard Glee Club (TTBB Choir). Founded in 1858, the Glee Club is a tenor-bass choral ensemble, performing music from the male choral tradition, an open to any student at Harvard University. The Glee Club collaborates with arts groups on campus and at other universities, and across the world on annual tours. Through excellence in performance, education, community-building, tradition, and philanthropy, the Glee Club offers a unique musical experience for all members. Students have numerous opportunities to take on administrative and musical leadership roles within the ensemble. The Glee Club frequently collaborates with the Harvard-Radcliffe Collegium Musicum and the Radcliffe Choral Society, as well as the Harvard-Radcliffe Orchestra, to perform large-scale works. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Audition required. For audition and further information, visit www.singatharvard.com**

The course is graded SAT/UNSAT based on attendance and participation. This course may be taken repeatedly, but to receive credit the course must be taken in the Fall and Spring semesters consecutively. A maximum of four semesters (two years) may be counted as credit towards the degree.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Indivisible Course
Course Search Attributes	Display Only in Course Search

Music 16A

Radcliffe Choral Society (110128)

Andrew Clark

2019 Fall (2 Credits) **Schedule:** W 0430 PM - 0630 PM
M 0700 PM - 0930 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Radcliffe Choral Society (SSAA choir). The Radcliffe Choral Society is dedicated to the celebration and performance of women's choral music. Founded in 1899, RCS is Harvard's oldest women's organization and one of the country's premier women's choruses. The Choral Society sings a wide variety of repertoire including Medieval chant, Renaissance polyphony, Romantic masterworks, international folk songs, and contemporary women's choral music. RCS tours annually. The Choral Society frequently combines with the Collegium and the Glee Club, as well as the Harvard-Radcliffe Orchestra, to perform large-scale works. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Audition required. For audition and further information, visit www.singatharvard.com**

The course is graded SAT/UNSAT based on attendance and participation. This course may be taken repeatedly, but to receive credit the course must be taken in the Fall and Spring semesters consecutively. A maximum of four semesters (two years) may be counted as credit towards the degree.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
Full Year Course	Indivisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Music 16B

Radcliffe Choral Society (160661)

Andrew Clark

2020 Spring (2 Credits) **Schedule:** W 0430 PM - 0630 PM
M 0700 PM - 0930 PM

Instructor Permissions: Instructor **Enrollment Cap:** 60

The Radcliffe Choral Society, founded in 1899, is a treble (soprano-alto) choral ensemble of about 40-50 members, open to any student at Harvard University. The ensemble performs a distinctive repertoire spanning nine centuries of choral literature: sacred and secular,
a cappella and accompanied, and choral-orchestral works. Featuring a student led a cappella group, 'Cliffe Notes, RCS aims to foster the appreciation and celebration of women's choral music through the commission of new works for soprano and alto voices, high-caliber performances, music festivals as well as annual domestic and international travel. The choir strives to honor its history and further its legacy of excellence in treble choral music and an extraordinary community formed through music-making. RCS frequently collaborates with the Harvard-Radcliffe Collegium Musicum and the Glee Club, as well as the

Harvard-Radcliffe Orchestra, to perform large-scale works. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Audition required. For audition and further information, visit www.singatharvard.com**

The course is graded SAT/UNSAT based on attendance and participation. This course may be taken repeatedly, but to receive credit the course must be taken in the Fall and Spring semesters consecutively. A maximum of four semesters (two years) may be counted as credit towards the degree.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
Full Year Course	Indivisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Search Attributes	Display Only in Course Search

Music 18A

Harvard Jazz Band (000018)

Yosvany Terry

2019 Fall (2 Credits) **Schedule:** TBD
MW 0715 PM - 0915 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

The Harvard Jazz Band was created in 1971 by Director of Bands Tom Everett when he first arrived at the University. Passionate that exposure to this unique American art form be part of students' education, he created a rag-tag jazz band of primarily Harvard [marching] Band recruits. Since its inception, the Harvard Jazz band has served as the vehicle for students across disciplines to study and learn the jazz canon. Over the years, the Jazz Band has focused on the literature of Duke Ellington and complete retrospective concerts of the music of Charles Mingus, Charlie Parker, Gerry Mulligan, Lee Konitz, Benny Carter, Buck Clayton, Clark Terry, J. J. Johnson, and Julius Hemphill. Other literature has ranged from the classic arrangements of Count Basie and Fletcher Henderson to the modern jazz of Gil Evans and Charles Mingus, the contemporary ensemble improvisations of Barry Guy and Lester Bowie, and the jazz-rock of Michael Gibbs, Russ Gershon Harvard '81, Rufus Reid, George Cables and Cassandra Wilson. In 2015, Yosvany Terry was appointed Director of Jazz Bands. Under his direction, the Harvard Jazz Band continues this tradition of focusing on a program of study that provides students with a grounding in a wide range of iconic and new literature. Students are required to take both parts of the course within the same academic year. The curriculum builds throughout the year.

Course Notes: **The course is graded SAT/UNSAT based on attendance and participation. This course may be taken repeatedly, but to receive credit the course must be taken in the Fall and Spring semesters consecutively. A maximum of four semesters (two years) may be counted as credit towards the degree.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	None
Full Year Course	Indivisible Course
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Music 18B

Harvard Jazz Band (206967)

Yosvany Terry

2020 Spring (2 Credits) **Schedule:** W 0715 PM - 0815 PM
M 0715 PM - 0915 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

The Harvard Jazz Band was created in 1971 by Director of Bands Tom Everett when he first arrived at the University. Passionate that exposure to this unique American art form be part of students' education, he created a rag-tag jazz band of primarily Harvard [marching] Band recruits. Since its inception, the Harvard Jazz band has served as the vehicle for students across disciplines to study and learn the jazz canon. Over the years, the Jazz Band has focused on the literature of Duke Ellington and complete retrospective concerts of the music of Charles Mingus, Charlie Parker, Gerry Mulligan, Lee Konitz, Benny Carter, Buck Clayton, Clark Terry, J. J. Johnson, and Julius Hemphill. Other literature has ranged from the classic arrangements of Count Basie and Fletcher Henderson to the modern jazz of Gil Evans and Charles Mingus, the contemporary ensemble improvisations of Barry Guy and Lester Bowie, and the jazz-rock of Michael Gibbs, Russ Gershon Harvard '81, Rufus Reid, George Cables and Cassandra Wilson. In 2015, Yosvany Terry was appointed Director of Jazz Bands. Under his direction, the Harvard Jazz Band continues this tradition of focusing on a program of study that provides students with a grounding in a wide range of iconic and new literature. Students are required to take both parts of the course within the same academic year. The curriculum builds throughout the year.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Indivisible Course
Course Search Attributes	Display Only in Course Search

Music 20

Opera (204418)

Carolyn Abbate

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This lecture course will explore opera, a theatrical genre with a 400-year history, which is still a living and vibrant art. Opera has always been multimedia: Its marvelous singing, and its music, is shaped by drama, by characters, visual spectacles in staging, and theater architecture and machinery. Operatic performance, by engaging and even overwhelming multiple senses, challenges us to question intellectual truisms like critical detachment, sober analysis. Opera has always inspired intense passion in audiences. For some, it is the most beautiful and moving musical genre that has ever existed. For others, it can involve tedium and acoustic strangeness. Opera's special acoustic is defined by its singers, who are often called "gods"

("divas" and "divos"), with voices that are the most powerful unamplified human sonic force in existence. We will look at opera as it evolved over time from its origins in Italy into a global phenomenon, considering works by famous composers (including Mozart, Wagner, and Verdi) as well as obscure corners and byways. Students will be experiencing live opera performances (in class and on field trips), and opera as technological art in recordings, film, and other media. No previous music courses, no expertise in music theory or ability to read music, are required.

Course Notes: **No previous music courses, no expertise in music theory or ability to read music, are required. Please be advised that sections will be scheduled at the following times: Thursdays 3:00-4:00 pm and 4.30-5.30pm, Fridays 1:30-2.30 pm and 3:00 -4:00 pm**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Music 25

Music Festivals (000025)

Caitlin Schmid

2019 Fall (4 Credits) **Schedule:** R 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

From Carnevale to the Fyre Festival, from Woodstock to World's Fairs, from New Orleans Jazz to Tanglewood: what is it about the "music festival" that has appealed to so many impresarios and audiences across centuries and genres? This class explores the music and sounds that transform festivals into a space outside of everyday time, while simultaneously acknowledging that festivals are always rooted in their sociocultural context. We'll examine the roles that race, gender, and class have played in creating and maintaining the soundscapes of these enormous, imaginative, spectacular events. Expect creative projects as one mode of evaluation.

Course Notes: **Our community partner for this course is the HONK! Festival, a Somerville-based "brassroots revolution" featuring bands that "draw inspiration from sources as diverse as Klezmer, Balkan and Romani music, Brazilian Samba, Afrobeat and Highlife, Punk, Funk, and Hip Hop, as well as the New Orleans second line tradition." Students will have the opportunity to interact with and learn from Festival organizers, as well as to attend—and document—HONK! 2019 (October 11-13). As part of a semester-long project, students will collaborate with the Bok Center's Learning Lab to create multimedia materials (including an oral history and an interactive map of the 2019 parade route) that will be hosted on the HONK! website.**

An ability to read music is not required.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

FAS Divisional Distribution	Arts and Humanities

Music 51A

Theory Ia (125212)

Katherine Pukinskis

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Harmony is just one of many powerful tools that can be enacted in order to understand, hear, perform, and create music. Alongside this parameter of music is rhythm, meter, phrase, voicing, orchestration, ensemble, text, counterpoint, and many other modes of engagement. The 51 sequence in the Music Department explores, through elements and parameters of music theory and musicianship, what makes music compelling to us as listeners, performers, and composers. Students will explore concepts of music theory through direct engagement with existing repertoire, ranging from Palestrina to Beethoven to Schubert to Holst and Stravinsky, among many others. The course unfolds the foundations of tonal music, including line, harmony, counterpoint, rhythm, text, motive, and timbre.

Course Notes: **For this course a placement exam is required, which is offered the Friday (August 30) before classes begin. Please see the Canvas course website for M51a for more information. Music 51a is highly encouraged for concentrators, especially those who wish to take additional and more advanced theory courses in the department. Students interested in theory are encouraged to take the placement exam in their freshman year. Dual degree students are likewise encouraged to take Music 51a and Music 51b.**

Class Notes: **There are a total of two section meetings for this course. Section I will likely meet on Mondays at 3:00 - 4:00 pm or 4:00 - 5:00 pm. The second section will be scheduled when the course roster is confirmed.**

Recommended Prep: **Basic theory and ear-training skills, ability to read music, Music 2, or equivalent experience.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Music 51B

Theory Ib (125213)

Katherine Pukinskis

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Description: Continuation of the principles in Music 51a. The 51 sequence in the Music Department explores, through elements and parameters of music theory and musicianship, what makes music compelling to us as listeners, performers, and composers. Students will explore concepts of music theory

through direct engagement with existing repertoire, ranging from Gesualdo to Britten to Verdi to Mozart and Vaughan Williams among many others. The course unfolds the foundations of tonal music, including line, harmony, counterpoint, rhythm, text, motive, and timbre. This course engages advanced topics in theory and analysis, zooming out the discussion to engage with how music develops across delineations of historical eras, genres, and styles.

Course Notes: **You must either place directly into Music 51b via the August placement test or pass 51a in order to register for this course. If more than two semesters have passed since completing 51a, you will need permission from the Instructor to register for the course; this may include a quick refresher test. This course, when taken for a letter grade, meets the Distribution Requirement for Arts and Humanities.**

Class Notes: **Sections will likely be on Mondays at 3:00 or 5:00 pm.**

Recommended Prep: **Music 51a or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Music 91R

Supervised Reading and Research (110629)

Richard Wolf

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 60

Open to students wishing to pursue supervised study in an area not covered by the courses currently offered. Students must submit a study proposal to the faculty member with whom they wish to study and a signed proposal to the Director of Undergraduate Studies. May be counted for concentration *only* with the prior approval of the Director of Undergraduate Studies.

Course Notes: **Students must have taken, or currently taking, at least one Music course in order to enroll in Music 91r.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Music 91R

Supervised Reading and Research (110629)

Richard Wolf

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Open to students wishing to pursue supervised study in an area not covered by the courses currently offered. Students must submit a study proposal to the faculty member with whom they wish to study and a signed proposal to the Director of Undergraduate Studies. May be counted for concentration *only* with the prior approval of the Director of Undergraduate Studies.

Course Notes: **Students must have taken, or currently taking, at least one Music course in order to enroll in Music 91r.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Music 97L

Critical Listening (204967)

Vijay Iyer

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 25

Much like reading, listening is a relational, highly contingent process of meaning construction. Founded on aural sensation, it also involves processes of prediction, recognition, and imagination. It is therefore so strongly conditioned by culture that we tend to privilege certain patterns of perception at the expense of others. In this writing-intensive course we will listen to music together, refine our attention to its ingredients and its construction, share and unpack our listening strategies, develop and strengthen our vocabularies to describe what we hear, and cultivate a critical perspective on the act of listening. Since our focus is on process, our repertoire will be wide-ranging and partly selected by the class. Students will collectively edit and self-publish a monthly anthology of their writings.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Music 97T

Critical Thinking (204975)

Carolyn Abbate

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 25

Performing music, listening to music, composing music, playing music – these are all familiar activities. By comparison, thinking about music is far less mainstream, sounds stuffy, and does not really seem to offer as much pleasure, as pastimes go. Music 97T is here to prove those assumptions wrong. We will explore

music philosophy (which has grappled with sounds ranging from Ancient Greek modes to hip-hop), and which asks basic questions like, does music have an ethics, can experiencing music change how we see the world? Or, can music even be grasped in words? We will take an objective look at the way academic disciplines box music of every and all kinds in, but can also expand our horizons about music's workings and its social roles and realities. And we'll explore "vernacular thinking," which is the conviction that thinking about music may not take place in words, or take forms conventionally understood as philosophy or analysis, and may come from people outside our intellectual boxes.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Music 98R

Tutorial - Junior Year (116489)

Katherine Pukinskis

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Open to junior candidates for honors in Music who have written permission to enroll from the instructor with whom they wish to work, and also from the Head Tutor in Music.

Course Notes: **With permission, may be taken for a second term.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Music 99R

Tutorial - Senior Year (110987)

Richard Wolf

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Open to senior candidates for honors in Music who have written permission to enroll from the instructor with whom they wish to work, and also from the Head Tutor in Music. May be counted toward concentration credit only by honors candidates.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

FAS Divisional Distribution	Arts and Humanities

Music 99R

Tutorial - Senior Year (110987)

Richard Wolf

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Open to senior candidates for honors in Music who have written permission to enroll from the instructor with whom they wish to work, and also from the Head Tutor in Music. May be counted toward concentration credit only by honors candidates.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Music 121

Choral Conducting (140622)

Andrew Clark

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Students will develop and cultivate skills required for leading a vocal ensemble, focusing primarily on (1) choral conducting technique, (2) analysis and interpretation, (3) rehearsal methods, and (4) vocal pedagogy. The course will explore repertoire of various styles and genres and consider the art of curating performances. Beyond the craft of conducting, the course will also consider choral music as a vehicle of empowerment and social engagement.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Music 127R

Intensive Conducting (126275)

Federico Cortese

2019 Fall (4 Credits) **Schedule:** F 0945 AM - 1145 AM
M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 8

The course will focus on the tradition of Italian opera during the common practice period (Mozart through Puccini). Depending on student involvement, interest, and motivation, the course will be centered on Verdi' s final operatic masterpiece, Falstaff. This would include conducting, singing, and playing the entirety of this rich, challenging, and extraordinary score throughout the course. Background to the music, text, and style will also be discussed.

In addition to the potential focus on Falstaff, the course will also include recitatives, arias, and ensembles extracted from the great classical, bel canto, and verismo operas. Examples will include the recitative accompagnato of Mozart, rubato line in bel canto operas, and accompanying singers in Puccini.

All participants will be asked to learn the assigned scores and to discuss some general interpretive issues. Conductors will be asked to sing the vocal parts and potentially play at the keyboard as well. Singers and pianists will be given the opportunity, if they are interested, to conduct as well. Occasionally, students may be asked to memorize sections of the score or libretto. Additionally, all participants will sing any choral or ensemble parts that may appear in the excerpts studied.

Other topics of discussion will include general conducting, baton technique, diction, performance traditions, style, and the history of Italian opera.

Course Notes: **The course is open to advanced conductors, singers, and pianists. See below the specific requirements.**

For all participants – advanced musicianship.
For conductors – experience in conducting, some abilities in piano recommended (limited admission).
For singers – participants should be engaged in classical vocal studies and preferably have some experience with Italian operatic arias.
For pianists – advanced skills, some experience accompanying singers recommended.

Class Notes: **Section will likely take place on Fridays at 9:45 am**

Recommended Prep: **The course is open to advanced conductors, singers, and pianists. See below the specific requirements.**

For all participants – advanced musicianship.
For conductors – experience in conducting, some abilities in piano recommended (limited admission).
For singers – participants should be engaged in classical vocal studies and preferably have some experience with Italian operatic arias.
For pianists – advanced skills, some experience accompanying singers recommended.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Music 142R

Foundations of Modern Jazz: Topics (138072)

Yosvany Terry

2020 Spring (4 Credits) **Schedule:** T 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 25

The Jazz Messengers **were more than just a musical group; they were one of the greatest institutions in modern jazz, paving the way for several generations of musicians to develop new and original approaches to composition and improvisation. This course will introduce students to the Jazz Messengers and the concept of hard bop as a necessary evolutionary step after Be-Bop in modern jazz, created by artists searching for new musical expressions. Students will be made familiar with the Jazz Messengers' repertoire, gaining insight and practical experience by first playing and memorizing their songs, and, afterwards, transcribing and studying the recordings of key compositions. Additionally, students will gain proficiency in performing compositions by some of the Messengers' most prolific alumnae, including pianist Horace Silver, saxophonist Wayne Shorter, pianist Cedar Walton, saxophonist Benny Golson, and trumpeter Freddie Hubbard. Finally, students will select, rehearse, and perform some of the class material in an end-of-semester concert.**

Topic: **Art Blakey's Jazz Messengers**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Music 143R

Topics in Modern Jazz (206892)

Yosvany Terry

2019 Fall (4 Credits) **Schedule:** T 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Cuban Counterpoint: Cuban Music through the Lens of Six Selected Composers from 1800 - 1950s. **Understanding the music of Cuba requires learning about its social structures, complex immigration history and cultural heritage. Positioned on what is known as the key of the Gulf in the Caribbean, Cuba has embraced all of the musical traditions that arrived in the Antilles since the 1500s to the present day. This course will introduce the students to the musical legacy of six composers including Miguel Failde, Ernesto Lecuona, Sindo Garay, Ignacio Piñeiro, Arsenio Rodriguez and Bebo Valdes. Their musical contributions represent distinctive historical moments in the evolution and definition of the Cuban identity. Their work helped shape new musical genres such as Habaneras, Contradanzas, Danzón, Trova Tradicional, Són, Cuban Zarzuela, Bolero, Mambo, Cha-Cha-Chá and Jazz. By analyzing selected musical scores students will become acquainted with different musical styles and traditions and will develop an understanding of beat, syncopation and melodic counterpoint. Through the class students will become familiar with the fundamental rhythms of the clave, the cinquillo, cáscara, 6/8 clave and both rumba and son clave. Class work will include readings, DVD's, period and contemporary recordings and field trips to experience firsthand Cuban music performed live in the Boston area.**

Topic: **Cuban Counterpoint: Six Compos**

Course Notes: **Students need to be able to read and write music to take this course as we are planning to analyze music scores and play music during our final project.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Music 151

Tonal Analysis (119522)

Robert Morrison

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Intensive study of tonal theory and methods of analysis through a detailed examination of music from the late eighteenth and nineteenth centuries. Students are introduced to historical perspectives on harmony and musical form, as well as a variety of contemporary approaches to engaging with tonal repertoire.

Course Notes: **Open to graduate students.**

Recommended Prep: **Music 51b.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Music 155

Modal Counterpoint (121992)

Christopher Hasty

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Study of representative styles and genres of 16th-century polyphony. Detailed analytic work will be combined with compositional exercises.

Recommended Prep: **Music 51b or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Music 157RW

South Indian Music Theory & Practice (156076)

Richard Wolf

2019 Fall (4 Credits) **Schedule:** T 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 8

Analysis of contemporary south Indian classical composition and improvisational forms. Students will learn to sing or play an instrument and may participate in a concert at the end of the semester.

Course Notes: **By permission of instructor.**

Class Notes: **Class will meet in Sanders 031.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Music 160R

Composition: Proseminar (119811)

Yvette Jackson

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This course focuses on *composing theatre* by addressing methods of compositional thinking in order to develop new types of performance. This approach differs from merely composing *for* theatre and begins by examining narrative contour through composition exercises that investigate dramaturgy, form, counterpoint, and polyphony. Workshops with guest artists will allow students mid-semester opportunities to realize compositions for cello and voice, culminating with a group-curated performance at the end of the course.

Recommended Prep: **One course in theory/composition or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Music 161R

Advanced Composition (119812)

Katherine Pukinskis

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

In this course, students will challenge modes of composition and methods of creation through a series of projects, listening, and score study. Creative projects will encourage students to zero in on harmonic language, rhythm, pitch, text, texture, and orchestration through exploration and experimentation. The class offers space for students to create within their own aesthetic preferences, while also challenging them to grow by trying out new approaches and techniques. The majority of meetings will be set for regularly scheduled lectures and sections, except for approximately four weeks where each student will have an individual session of 30 minutes each. The final project will be a TBD trio; these musicians will come to our class once during the semester to workshop works-in-progress, and return at the end of the course for a final concert.

Recommended Prep: **One course in theory/composition or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

Music 167 Section: SEM

Introduction to Electroacoustic Music (118185)

Hans Tutschku

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0530 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Composition and performance with analogue and digital electronic media. Projects realized using recording gear and computers; study of relevant aspects of acoustic and electronic theory; repertoire since 1948 of musique concrète, acousmatic, and live-electronic music; synthesis, sampling, digital recording, and live performance techniques. Hands-on work will culminate in a final performance of individual projects.

Recommended Prep: **One course in theory/composition or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Music 168

Analog Synthesizer and the Digital Age (000168)

Hans Tutschku

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0530 PM

Instructor Permissions: Instructor **Enrollment Cap:** 8

Vintage and modern copies of many legendary synthesizers are again exciting musicians across stylistic borders. The course explores their use and covers concepts like voltage control, oscillators, filters, envelopes, and step-sequencers. The Harvard University Studios for Electroacoustic Composition started their journey in 1968, using Serge and Buchla instruments. Students will compose on those historic synthesizers, as well as use music software to create non-beat-based drone music.

Class Notes: **Prior course work at HUSEAC helpful.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Music 170R

Songwriting Workshop (206929)

Esperanza Spalding

2020 Spring (4 Credits) **Schedule:** M 0700 PM - 0900 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This course will approach songwriting from two directions: analytical study of the methods of successful songwriters throughout the past 50 years together with students performing and critiquing their own original compositions. Throughout the course, we will address specific aspects of successful songwriting, including lyric development, song form, melody, harmonic progression, poetic imagery, story telling and presentation.The physical classroom will be designed to provide the experience of live performance in a club-like setting. In each unit, students will investigate a distinct songwriting style; compose an original work within that form; and perform it for peer review, including their own thoughtful analysis. The final for this course will be a showcase style performance of the students' own compositions.Any undergraduate or GSAS student who would like to increase their skill in songwriting is encouraged to apply. Those who wish to be considered must submit a questionnaire between August 8 and August 19, 2019 with a digital recording or link(s) of a video of themselves performing two (2) of their original compositions. Audio and video examples should be at least two minutes, and no more than six minutes in length. Fill out this google form.

Course Notes: **Any undergraduate or GSAS student who would like to increase their skill in songwriting is encouraged to apply. Those who wish to be considered must submit a questionnaire between August 8 and August 19 with a digital recording or link(s) of a video of themselves performing two (2) of their original compositions. Audio and video examples should be at least two minutes, and no more than six minutes in length. Fill out this google form (copy and paste the following link): https://forms.gle/hF8zu7TxPuFiAYhv9**

Class Notes: **Fill out this google form: google form**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Music 170R

Songwriting Workshop (206929)

Esperanza Spalding

2019 Fall (4 Credits) **Schedule:** M 0700 PM - 0930 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This course will approach songwriting from two directions: analytical study of the methods of successful songwriters throughout the past 50 years together with students performing and critiquing their own original compositions. Throughout the course, we will address specific aspects of successful songwriting, including lyric development, song form, melody, harmonic progression, poetic imagery, story telling and presentation.The physical classroom will be designed to provide the experience of live performance in a club-like setting. In each unit, students will investigate a distinct songwriting style; compose an original work within that form; and perform it for peer review, including their own thoughtful analysis. The final for this course will be a showcase style performance of the students' own compositions.Any undergraduate or GSAS student who would like to increase their skill in songwriting is encouraged to apply. Those who wish to be considered must submit a questionnaire between August 8 and August 19, 2019 with a digital recording or link(s) of a video of themselves performing two (2) of their original compositions. Audio and video examples should be at least two minutes, and no more than six minutes in length. Fill out this google form.

Course Notes: **Any undergraduate or GSAS student who would like to increase their skill in songwriting is encouraged to apply. Those who wish to be considered must submit a questionnaire between August 8 and August 19 with a digital recording or link(s) of a video of themselves performing two (2) of their original compositions. Audio and video examples should be at least two minutes, and no more than six minutes in length. Fill out this google form (copy and paste the following link): https://forms.gle/hF8zu7TxPuFiAYhv9**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Music 172R Section: STO

Performer-Composer Collaborative (000172)

Claire Chase

2019 Fall (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

The Performer-Composer Collaborative (MUSIC 172R) is a new course that explores the dynamic relationship between performers and composers in a contemporary context. The course is open to all undergraduate composers, performers and improvisers seeking to expand their practice. Everyone will perform, everyone will improvise, and everyone will compose! We will study a wide range of existing 20th and 21st century repertory, with emphases on notation, performance practice and interpretation; we will also generate a wide range of newly created work as part of the class for various

instrumental and vocal combinations. Guests include composers Liza Lim, Du Yun, Nathan Davis, Phyllis Chen, Lisa E. Harris, Susie Ibarra and performers from the International Contemporary Ensemble. In addition to in-class workshops and informal performances throughout the semester, a final public performance of new works created in the course will take place in December at the ArtLab.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Music 175R

Special Topics (108982)

Federico Cortese

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

***Beethoven*. In the 250th anniversary of Beethoven's birth this class is designed for advanced performers. It will focus on the preparation and performance of some of his chamber music masterpieces and on the discussion and analysis of several of his major works. Biographical and historical readings and lectures will help framing the understanding of and the approach to Beethoven's music**

Course Notes: **This class is open to performers - instrumentalists and vocalists.**

Class Notes: **A separate meeting time for coaching wll be arranged.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Music 177

Creative Music: Advanced Ensemble Workshop (000177)

Vijay Iyer

2020 Spring (4 Credits) **Schedule:** T 0630 PM - 0900 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

This is a workshop for advanced composer-performer-improvisers, focusing on original and collaborative music-making, intended for musicians who have already taken Music 173 and/or 174, or have received permission from the instructor. Students will participate in ensembles with other members of the class and will keep recorded and written journals to document the process. Students will participate in two performances throughout the semester.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Music 178R

Applied Music Activism (114666)

Esperanza Spalding

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

This course will identify music that has been key to successful social movements; explore the specific methods used by those musicians to deliver their message effectively; and empower students to utilize their learning, designing and presenting their own musical campaign to further a cause of their choosing. Investigating the historical context of the composers cited, we will draw from the musical techniques that allowed them to successfully apply their passion to the causes they empowered. Through these case studies, students will be challenged to actually measure the effectiveness and scope of musical activism. We will learn how to utilize modern commercial marketing techniques to evaluate the effectiveness both of songs that have created a known effect on more recent social campaigns, and our own efforts to direct this learning to the causes dear to us. As we progress through the semester, students will (through live performance and/or social media) create, share, and analyze their own examples of musical activism.

Course Notes: **This course is limited to #20 students and preference will be given to music concentrators and students who have enrolled in a faculty led ensemble course (Music 10 - Music 18).**

Class Notes: **Please complete this form in advance of the start of class on Monday, September 9. You can access the form when logged into your Harvard gmail account.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

Music 181R

Performance and Culture: Renaissance Music (108419)

Kate van Orden

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 9

In this course, you become an amateur musician in Renaissance England and learn to play the viola da gamba in a consort. Through this combination of research and hands-on learning, we investigate repertory,

culture and musical life circa 1600.

Course Notes: **May be taken by students from other departments and graduate students with permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Music 184R

20th Century Performance Practice (137382)

Meredith Monk

2020 Spring (4 Credits) **Schedule:** M 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Performance Practice: Meredith Monk Choral Music. **What happens when singing is treated holistically, as a natural expression of the body? Meredith Monk has been working at the intersection of music and movement for decades, affirming that the body can sing and the voice can dance. This concept will be explored through Monk's rich and challenging choral repertoire. The course will include ensemble-building exercises, improvisational vocal and movement techniques, and fundamentals of performance. Participants will work with the voice and body as multi-faceted instruments for discovering range, timbre, resonance, character, gesture and space. The course will host lectures by visiting experts and culminate in a performance at the end of the semester.**

Course Notes: **This course is primarily for undergraduate students with an interest in choral music. This course requires instructor's permission. To enroll please write a short paragraph that includes your interest in the course, vocal background and range. In addition, please send a 1-2 minute recent video clip of you singing a work of your choice within your preferred range. This video can be recorded on a personal device (i.e. iphone or tablet).**

Class Notes: **This course is taught by Meredith Monk. Due by January 23. To enroll please write a short paragraph that includes your interest in the course, vocal background and range. In addition, please send a 1-2 minute recent video clip of you singing a work of your choice within your preferred range. This video can be recorded on a personal device (i.e. iphone or tablet). monk@meredithmonk.org**

Class Notes: **Meredith Monk, Fromm Visiting Lecturer on Music, will be teaching this course.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Music 185R Section: 1

Experimental Music Ensemble (111136)

Claire Chase

2019 Fall (4 Credits) **Schedule:** T 0700 PM - 0930 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

MUSIC 185R is a course that explores intersection of experimental music practice, cultural production, education and new models of community and organization-building in the 21st century. The Experimental Music Ensemble is open to undergraduate and graduate performers, composers, improvisers and sound artists. New repertories and new organizational practices will be explored in a laboratory format that includes workshops, in-class performances, interviews with guest artists and ensembles, as well as community events and pop-up events throughout the semester in Holden Chapel, the Carpenter Center for Visual Arts, and the ArtLab in Allston. Performance and cultural production activity will be carried out alongside research on existing 21st century music ensembles and organizations. Guests include leading members of the Association for the Advancement of Creative Musicians (AACM), Bang on a Can, the International Contemporary Ensemble, Silk Road Ensemble, Roomful of Teeth, and Constellation Choir.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Music 187R

Opera Workshop (000187)

Esperanza Spalding

Carolyn Abbate

2020 Spring (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Devising New Opera Through Exploratory Collaborative Practices. This seminar will center on the development of *Iphigenia*, a new operatic adaptation of Euripides' play *Iphigenia*, with music by Wayne Shorter, libretto by Esperanza Spalding. The course has two "modes." In lab meetings headed by Professor Spalding, students will observe and offer responses to how the creative team of writers, singers, and musicians explore and employ various co-creation processes while developing an opera toward its forthcoming premiere. Special guests will include director Lileana Blain-Cruz, dramaturg Sunder Ganglani, and various musicians slated to perform in the final production. In discussion meetings headed by Professor Abbate, students explore opera as a collaborative genre, gaining experience with analyzing relationships between words, character, drama, and musical sounds, while also considering *Iphigenia* operas from the past. Work for the course includes responses to the creative lab meetings, short essays on listenings/viewings/readings explored in the discussion meetings. One theme that unites the two course "modes" is reflecting on inherent challenges in foregrounding a collaborative mode of

storytelling within a traditionally hierarchical art form. The seminar will conclude with a final concert presentation of scenes from *Iphigenia* that have been developed and refined over the course of the semester. Final creative projects for students will consist of devising an opera scene, by writing original story and text to existing music.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Music 189R

Chamber Music Performance (153042)

Jessica Bodner

Daniel Chong

Kee-Hyun Kim

Ken Hamao

2019 Fall (4 Credits) **Schedule:** R 0700 PM - 0900 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through auditions, students will be divided into chamber music ensembles by the Parker Quartet, and have weekly coachings with members of the Parker Quartet and pianist Katherine Chi. Instrumentalists and vocalists are welcome to audition; however, no duos or vocal ensembles are allowed. Students will be expected to rehearse between each coaching and to participate in class meetings throughout the semester. There will be both a midterm and final jury evaluation prior to the final public performances, to be held sometime during Reading Period--all students are required to be available. Students who do not meet the requirements in the Course Notes below may take the course for Pass/Fail credit. Please check audition dates and other mandatory meetings/classes in Course Notes below and on the Canvas Music 189R home page.https://canvas.harvard.edu/courses/60197/assignments/297801

Course Notes: **Students who are currently in the NEC/Harvard dual program, or have been a past winner of the Parker Quartet Guest Award do not need to re-audition for the Fall 2019 semester. However, ALL students must fill out the questionnaire and submit this through Canvas: link. Any other students who have enrolled in the course in past school years are required to re-audition. Students intending to enroll in both Harvard-Radcliffe Orchestra and Music 189R must audition for each course separately. While students may request to be placed with certain peers, final group assignments will ultimately be at the discretion of the instructors. This course is offered for letter-grade credit only when students are involved in one or more of the following: a Concentrator**

in Music, enrollment in a Department of Music course in the same semester, a member of a faculty-led music ensemble in the same semester, a student of the NEC/Harvard dual program. Students who do not meet one of these requirements may take the course for Pass/Fail credit, which must be done by petition after the first week of class.

Class Notes: **Students who are currently in the NEC/Harvard dual program, or have been a past winner of the Parker Quartet Guest Award do not need to re-audition for the Fall 2019 semester. However, ALL students must fill out the questionnaire and submit this through Canvas: questionnaire Any other students who have enrolled in the course in past school years are required to re-audition. Students intending to enroll in both Harvard-Radcliffe Orchestra and Music 189R must audition for each course separately. While students may request to be placed with certain peers, final group assignments will ultimately be at the discretion of the instructors. This course is offered for letter-grade credit only when students are involved in one or more of the following: a Concentrator in Music, enrollment in a Department of Music course in the same semester, a member of a faculty-led music ensemble in the same semester, a student of the NEC/Harvard dual program. Students who do not meet one of these requirements may take the course for Pass/Fail credit, which must be done by petition after the first week of class.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	For Undergraduate and Graduate Students

Music 189R

Chamber Music Performance (153042)

Jessica Bodner

Daniel Chong

Kee-Hyun Kim

Ken Hamao

2020 Spring (4 Credits) **Schedule:** R 0700 PM - 0900 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through auditions, students will be divided into chamber music ensembles by the Parker Quartet, and have weekly coachings with members of the Parker Quartet and pianist Katherine Chi. Instrumentalists and vocalists are welcome to audition; however, no duos or vocal ensembles are allowed. Students will be expected to rehearse between each coaching and to participate in class meetings throughout the semester. There will be both a midterm and final jury evaluation prior to the final public performances, to be held sometime during Reading Period--all students are required to be available. Students who do not meet the requirements in the Course Notes below may take the course for Pass/Fail credit. Please check audition dates and other mandatory meetings/classes in Course Notes below and on the Canvas Music 189R home page. https://canvas.harvard.edu/courses/67376

Course Notes: **Students who are currently in the NEC/Harvard dual program, were**

enrolled in Music 189R in Fall 2019, or have been a past winner of the Parker Quartet Guest Award do not need to re-audition for the Spring 2020 semester. However, ALL students must fill out the questionnaire and submit this through Canvas, Any other students who have enrolled in the course in past school years are required to re-audition. Students intending to enroll in both Harvard-Radcliffe Orchestra and Music 189R must audition for each course separately. While students may request to be placed with certain peers, final group assignments will ultimately be at the discretion of the instructors. This course is offered for letter-grade credit only when students are involved in one or more of the following: a Concentrator in Music, enrollment in a Department of Music course concurrently or in a previous semester (other than 189R), a member of a faculty-led music ensemble in the same semester, a student of the NEC/Harvard dual program. Students who do not meet one of these requirements may take the course for Pass/Fail credit, which must be done by petition after the first week of class.

Class Notes:

Course Notes: Students who are currently in the NEC/Harvard dual program, were enrolled in Music 189R in Fall 2019, or have been a past winner of the Parker Quartet Guest Award do not need to re-audition for the Spring 2020 semester. However, ALL students must fill out the questionnaire and submit this through Canvas: https://canvas.harvard.edu/courses/67376/assignments/329053. Any other students who have enrolled in the course in past school years are required to re-audition. Students intending to enroll in both Harvard-Radcliffe Orchestra and Music 189R must audition for each course separately. While students may request to be placed with certain peers, final group assignments will ultimately be at the discretion of the instructors. This course is offered for letter-grade credit only when students are involved in one or more of the following: a Concentrator in Music, enrollment in a Department of Music course concurrently or in a previous semester (other than 189R), a member of a faculty-led music ensemble in the same semester, a student of the NEC/Harvard dual program. Students who do not meet one of these requirements may take the course for Pass/Fail credit, which must be done by petition after the first week of class.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Music 190R

Topics in World Music: Proseminar (110638)

Virginia Danielson

2020 Spring (4 Credits) **Schedule:** R 0945 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Music in the Middle East. **Music in the Middle East offers an introduction to the genres, contexts, and**

principles of musical creativity predominant in the Arab world. Focus will settle on Egypt and the Levant as well as the Arabian Gulf and Peninsula, but other regions will be explored as well. Key social issues will include gender, heritage, nationalism and modernity, devotional expression, and the role of dance.

Course Notes: **Students from other departments are warmly welcome.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Music 192RR

Topics in Music from 1600-1800: Proseminar (112927)

Kate van Orden

Sylvaine Guyot

2020 Spring (4 Credits) **Schedule:** T 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Spectacular France. French musical theater in the 17th & 18th centuries. This course considers French spectacle in all dimensions with special emphasis on absolutism and the politics of performance. Genres include machine tragedy, comédie-ballet, horse ballet, carrousels, and opera; collaborators include Jean Racine, Jean-Baptiste Lully, Molière, Jean-Philippe Rameau, and Georg Friedrich Handel. Guest performers will discuss historical staging and French operas performed in colonial Haiti. Readings are in English.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Music 193R

Topics in Music from 1800 to the Present: Proseminar (113383)

Anne Shreffler

2019 Fall (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 18

We start in 1945, at the end of the second World War and the beginning of the atomic age, and go up to yesterday. The postwar years were marked by unprecedented scientific progress as well as dramatic social

change. Over the course of the 20th century, the primacy of European high art culture and the concept of national traditions began to dissolve and were replaced with an international, multiracial, hybrid and less hierarchical understanding of art. At the same time, the new globalized environment produced new nationalisms and "localisms," just as a prevailing secularism coexisted with the growth of a new spirituality. The 21st century has seen a resurgence of modernism, along with increased sensitivity to ecology and social issues. I aim for a diverse repertoire that includes figures like Pauline Oliveros, Tyshawn Sorey, Olga Neuwirth, Julius Eastman, Meredith Monk, Johannes Kreidler, Christian Wolff, Anthony Braxton, George Lewis, Libby Larsen, and Mathias Spahlinger.

Recommended Prep: **Expected preparation is Music 51, Music 2, or equivalent basic theory skills in any musical tradition.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Music 194R

Special Topics: Proseminar (111997)

Richard Wolf

2020 Spring (4 Credits) **Schedule:** F 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

***Music, Mobility and Religious Experience in Central Asia*. In this course we ask how music in Central Asia shapes and is shaped by the movement of people, objects and ideas across political, geographic and cultural boundaries. Populations in Central Asia have been variously described as nomadic or sedentary and their religion, art, and lifeways explained in terms of these categories. How are the the definitions of nomadism and sedentarism reinforced or challenged by the musical traditions that have emerged in the region? What is the status of musical experience in relation to ("nomadic") shamanism and ("sedentary") Islam given that experiences of music are often cast in religious or spiritual terms? Geographically the course will focus on parts of what was the Soviet Union (Azerbaijan, Uzbekistan and Tajikistan), bordering parts of Pakistan and Afghanistan, as well as Xinjiang, China. This year course will feature an international range of visiting scholars from Central Asia and Europe, representing the fields of music, anthropology and international relations. A seminar in format, the course will involve reading, listening to recordings, writing, and active discussion. Ability to read music is helpful but not required. Undergraduates and graduate students from all fields are welcome.**

Course Notes: **Undergraduates and graduate students from all fields are welcome.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

Music 201A

Current Methods in Historical Musicology (118075)

Kate van Orden

2019 Fall (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Introduction to musicological scholarship drawing upon theoretical frameworks, and working methods of historical musicology. Includes aspects of the history of the discipline of musicology, as well as newer methodologies. Students will read relevant theoretical texts from other disciplines and consider the possibilities of interdisciplinary projects within musicology.

Course Notes: **Graduate students only. May be taken independently by students from other departments with permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Music 201B

Current Methods in Ethnomusicology (118078)

Richard Wolf

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Focuses on introduction to scholarly study of music with emphasis on the history and methodologies of ethnomusicology. Theories of music in culture, field methods, analytical and notational strategies, and critical tools for scholarship.

Course Notes: **May be taken by students from other departments with permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Music 207R Section: SEM

Ethnomusicology: Seminar (111282)

Richard Wolf

2019 Fall (4 Credits) **Schedule:** R 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Music and Language. **Methods of phonetics, social linguistics, and ethnomusicology are combined to examine music and speech, including epic storytelling and laments, instrumental speech surrogates, and poetry. Materials potentially drawn from any period or location.**

Course Notes: **Open to undergraduates with permission of instructor. May be taken by students from other departments by permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Music 208R

Ethnomusicology: Seminar (111347)

Ingrid Monson

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Jazz and Africa. **This seminar explores the relationship of jazz to Africa and Pan-Africanism with special attention to the work of pianist and composer Randy Weston. After introducing Pan-Africanism and the broader relationship of jazz musicians to Africa, the Caribbean and the global African diaspora (including the work of Dizzy Gillespie, Charlie Parker, and Art Blakey), the class will work with primary materials from the Randy Weston archive housed at Harvard, which include photos, letters, unreleased recordings, and videos of live performances. Students will develop a digital library exhibition on Randy Weston's relationship to jazz and Africa.**

Course Notes: **Open to undergraduates with permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

Music 209R

Ethnomusicology: Seminar (115680)

Kathleen Galloway

2020 Spring (4 Credits) **Schedule:** M 0900 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Listening & Musicking Beyond the Human: Auditory Culture & Posthumanism in the Anthropocene.

This seminar engages questions of musical difference by listening beyond the human to address posthuman performance, the role of technology in the study of nonhuman/human musicality, and cross-species performance in the geologic period of the Anthropocene. Throughout the course, we will think and listen across varied auditory culture to explore and contextualize familiar questions about how we sing,

play, perform, stage, and sound different environments and musical identities, examining the intersections among the humanities, science and technology studies (STS), and the sonic arts. Listening beyond the human also considers the materiality of musical media—shellac, magnetic tape, needles, steel, vinyl, circuit boards, animal hide drumheads and tuning paste, brass, bronze, tonewood—the ecologies of musical production, consumption, and discard.

Current scholarship and advocacy work in ethnomusicology is incorporating marginalized perspectives and voices into ecomusicological discourse and sound(scape) studies, unsettling the problematic settler-colonial authority dominating music, sound, and environment discourses. In this seminar, we will tease out music's social and environmental entanglements. For instance, contemporary ecological understandings and the entanglement of settler colonial structures highlights the need for decolonization, which involves the recognition and practice of Indigenous relations to land and nonhuman kin, such as animals and plants, who co-constitute that land. We will interrogate diverse modes of thinking and listening through relations between sounds, environments, and ways of knowing.

We will collectively examine how ways of listening beyond human musicking and sound reproduction technologies that remediate and transform environments and disseminate knowledge about environments are informed by biopolitics and ecopolitics. This seminar engages with literature and case studies that intersect with the fields of new materialism, science and technology studies (STS), environmental humanities, animal studies, Indigenous studies, discard studies, and anthropology of the senses to grapple with the ways in which music is complexly interwoven with the nonhuman world.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities

Music 219R

19th and 20th Century Music: Seminar (118450)

Anne Shreffler

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Music and Politics. **We live in turbulent times. In the current political environment, it seems newly urgent to rethink one's own work and the political implications of academic music studies.**

In the seminar, we will examine some basic questions, such as: What are the means by which aesthetic products can be seen to relate to events, institutions, and ideological programs, and vice versa? How broadly can and should the "political" be construed? What are some of the different ways in which music been employed for political purposes during the twentieth century, and into the twenty-first? How do the political associations given to music change over time? What are the "flash points" – nodes of controversy and emotion – in discourse on music's association with social and political contexts?

These are some of the questions that have prompted a burgeoning and still-growing musicological subfield of music's relation to politics. Whereas political topics (and indeed most social context issues) were seldom addressed in musicology until around 1990, the study of music and politics has flourished since then.

We will also explore the politics of classical music itself: the historically marginal roles of women and people of color, the policing of what "counts" as classical, and the politics of canon formation (who "writes symphonies"?). We'll look at musical works from a variety of traditions as well as text sources (theoretical texts, journalism, letters, manifestos, etc.). Media theory and aesthetic theory, especially those from Marxist

and post-marxist approaches, will give us a vocabulary for talking about the fundamental issues that underlie historical and current controversies. We will see some common themes across time, as well as real shifts and ruptures.

Students will play an active role in the seminar; leading discussions, preparing brief reports on texts or pieces of music, and designing one class meeting. Student projects may focus on any kind of music from anywhere in the world today or on historical music.

Course Notes: **Open to undergraduates with permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Music 220R

History of Music Theory (108001)

Alexander Rehding

2020 Spring (4 Credits) **Schedule:** T 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 25

Music theory and history can be viewed as opposites—music theory takes a systematic approach and tries to abstract timeless, general laws. But it also has a history that shows that both rules and approaches change radically over time. We will chart an anti-chronological path from the 20th century back to the Middle Ages to discuss some of the salient issues music theory is concerned with. We will focus on "Five Classics," epochal figures in music theory—Schoenberg, Helmholtz, Rameau, Zarlino, Boethius—to mark our path, and discuss specific historiographic issues arising during each period.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities

Music 221R

Current Issues in Music Theory (124044)

Alexander Rehding

2019 Fall (4 Credits) **Schedule:** T 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 20

What does Music Theory mean in the 21st century? What are the current debates? How might the field change in the near future? We will examine recent and contemporary discussions in (and about) the field, and we will attempt to trace some of the recent history of the field in order to better understand the present state of affairs.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Music 224R

Musical Analysis (214537)

Joseph Jakubowski

2020 Spring (4 Credits) **Schedule:** R 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

***Embodied Cognition and Performance Analysis*. In recent years, music scholarship has followed the 'embodied turn' in the humanities in rejecting dualist divisions of body and mind. What happens to music theory, analysis, and listening when we recognize an embodied mind? How can we study performance as an activity, from both quantitative and qualitative perspectives? How do we reconcile mainstream music theory with the multisensory experience of listening and incorporate subtleties of expression, interaction, and interpretation in performance? This course offers a broad background in philosophical and cognitive approaches to embodiment and performance analysis in music theory, musicology, and music psychology. Throughout the semester, we'll trace the history of such approaches in the field, study mimetic and conceptual theories of perception, ponder the interpretive agency and gestural expression of performance, and interrogate the assumptions and extent of these theories in light of disability studies, ecological perception, and organology. Along the way, we'll explore new modes of engaging with scores, recordings, and performances in answer to Fisher and Lochhead's call for an 'analysis from the body' some eighteen years ago.**

Course Notes: **Open to undergraduates with permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities

Music 230R

Topics in Music Theory (116618)

Robert Morrison

2019 Fall (4 Credits) **Schedule:** W 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 20

***Analyzing Musical Media.* Recent trends in media studies hold significant potential for the discipline of music theory, challenging us to rethink what it means to be a theorist in the twenty-first century. Beyond notated scores, what other forms of media should be considered as objects of analysis? What knowledge and skills are required to meaningfully engage these media? And how might such engagements reorient future research? To explore these questions, students will read a wide variety of texts, learning how to interact with the discursive positions occupied by authors working within different disciplinary contexts.**

Combining historical and theoretical inquiry with a focus on practical skills, students will gain familiarity with methods for analyzing musical media and presenting their research in multimodal formats.

Course Notes: **Open to undergraduates with permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

Music 230RS

Topics in Music Theory (110077)

Christopher Hasty

2020 Spring (4 Credits) **Schedule:** W 0945 AM - 1230 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Topics in Music Theory. **Rhythm.**

Course Notes: **Open to undergraduates with permission of instructor. Weekly writing assignments consists of reviews of reading and music analytic exercises.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Music 243R

Music and Performance Studies (000243)

Dana Gooley

2020 Spring (4 Credits) **Schedule:** F 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Music is often discussed, in everyday speech as well as academic discourse, in terms of fixed units such as songs, works, recordings, oeuvres, or outputs. This seminar concentrates on music as performance—i. e. as event, ritual, bodily practice, and inventive process—as an alternative (and complement) to more familiar, static musical ontologies. It engages with performance theory and theater studies to develop a performance-centered perspective that can illuminate in new ways how music is embedded in culture, society, and history. Although many readings revolve around jazz, western art music, and popular music, students will develop projects around their own interests and expertise and there are no genre restrictions.

Course Notes: **This course is open to all graduate students and advanced undergraduates. There are no prerequisites**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities

Music 245

Voice (000245)

Carolyn Abbate

2020 Spring (4 Credits) **Schedule:** R 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

This interdisciplinary seminar focuses on recent academic and philosophical interpretations of voice, which has become a focus for intense recalibrations and reconsiderations in the past few years. Voice, as a concept, remains perplexing to analysis, while voice as a material phenomenon can be seen as terrifying, or beguiling, unlovely, or exquisite: that inconsistency has proven disquieting. Readings range across multiple fields, for instance opera studies, sound studies, critical race theory, history of medicine and technology.

Course Notes: **Graduate students only. Enrollment limited to 10 (students petitioning for enrollment should submit a brief essay describing what interests them about this seminar).**

Class Notes: **Enrollment limited to 10 (students petitioning for enrollment should submit a brief essay describing what interests them about this seminar).**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Music 250HFA

Colloquium on Teaching Pedagogy (125863)

Richard Wolf

2019 Fall (2 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course serves as an introduction to teaching at Harvard and beyond. It constitutes a forum for studying learning, designing instruction, practicing teaching, and communicating about successes and challenges in your classroom. Although a requirement for third-year graduate students and others new to teaching, the course is open to all who are interested in pedagogy regardless of their level of experience.

Course Notes: **Required of all third year music department graduate students. This course must be taken Sat/Unsat. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
Full Year Course	Indivisible Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Music 250HFB

Colloquium on Teaching Pedagogy (160663)

Richard Wolf

2020 Spring (2 Credits) **Schedule:** R 1245 PM - 0145 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

***Colloquium on Teaching Pedagogy*. This course serves as an introduction to teaching at Harvard and beyond. It constitutes a forum for studying learning, designing instruction, practicing teaching, and communicating about successes and challenges in your classroom. Although a requirement for third-year graduate students and others new to teaching, the course is open to all who are interested in pedagogy regardless of their level of experience.**

Course Notes: **Required of all third year music department graduate students. This course must be taken Sat/Unsat. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Primarily for Graduate Students
Full Year Course	Indivisible Course
FAS Course Roll	FAS Course Roll

Music 262R

Composition: Seminar (113931)

Sivan Cohen Elias

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

For first year, second year and advanced graduate students prepared for work in original composition.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Music 262R

Composition: Seminar (113931)

Evan Johnson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

For first year, second year and advanced graduate students prepared for work in original composition.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Music 264R

Electronic Music Composition: Seminar (111123)

Hans Tutschku

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0245 PM
R 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Artificial Intelligence and Music Composition. **Artificial Intelligence is omnipresent in our daily lives. Many of the tools have been ported from super-computers to easily accessible platforms. We will program neurons, simple networks and use self-organizing maps to experiment with the interaction of human and artificial intelligence. The course aims to provide an intellectual and experimental framework for students to develop their technical solutions to compositional questions. Two experts will visit the class: M.I.T. graduate David Hayden and PRIX ARS Electronica nominated artist and musician Harry Yeff (AKA Reeps One).**

Course Notes: **Contact instructor before shopping week. Section meets on Thursdays**

at 12:00.

Class Notes: **Sections will meet on Thursdays from 3:00 pm - 5:00 pm**

Recommended Prep: **At least one year of practice with Max MSP (medium proficiency).**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Music 271R

Fromm Seminar in Composition (110637)

Meredith Monk

2020 Spring (4 Credits) **Schedule:** M 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Interdisciplinary Composition. **How do we create multi-perceptual music? How do we synchronize body and mind? How do we discover forms that surprise even us, the composers? How can other artistic practices inform our own creative process? Meredith Monk, internationally renowned composer/singer, will introduce students to an expansive approach to composition. Starting from the discipline of music, this course will explore how compositional principles can cross the boundaries of art forms. Students will take inspiration from and learn to incorporate other perceptual modes, including visual elements, movement and space, into their artistic practice. Through both individual and group vocal and movement exercises, participants will be introduced to a fresh approach to making music and the joy of risk and discovery. The course will host lectures by visiting experts.**

Course Notes: **This course is open to graduate students with a primary focus in music and/or composition. Graduate students within the music department are encouraged to apply. Students with a focus outside of Music (i.e. dance, visual art, film, theater) are also encouraged to apply but instructor's permission will be required.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Music 281RX

Black Speculative Musicalities (000281)

Vijay Iyer

2020 Spring (4 Credits) **Schedule:** W 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Black Speculative Musicalities **is a course dedicated to new research / theorizing / analysis / writing on**

radical sonic imaginings of the African diaspora. The goals of the course are: 1) to give graduate and advanced undergraduate students up-close exposure to a range of creative work from the past century that might fall under this rubric; 2) to encourage scholarly "deep dives" into specific subtopics, artists, works, or musical moments; 3) to notice, think through, and theorize about recurring themes, issues, or aesthetics that emerge throughout the course. Each week's class will focus on the work of one or two music-makers, and will be rounded out by readings in Black studies, music theory, and historical musicology. Artists on our syllabus might include Sister Rosetta Tharpe, Thelonious Monk, Sun Ra, Little Richard, Jimi Hendrix, Alice Coltrane Turiyasangitananda, Wayne Shorter, Cecil Taylor, Wadada Leo Smith, Roscoe Mitchell, Milford Graves, Prince, Geri Allen, Missy Elliott, Anti-Pop Consortium, Solange, FKA Twigs, Janelle Monáe, Nicole Mitchell, Matana Roberts, Esperanza Spalding, Moor Mother, Imani Uzuri, DJ Val-INC, and others.

Course Notes: **On April 3 & 4, the Department of Music will also host a festival and conference linked to our theme, The Fromm Players Concerts: Black Speculative Musicalities, which will give us a chance to experience some of these artists' practices up close, join them in conversation, and consolidate some of our ideas.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Music 284R

Sounding Identity (000284)

Yvette Jackson

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This interdisciplinary seminar addresses multiple histories of politics and aesthetics within the context of sound and music technologies as mediators of intersectional identity. Creative practice will serve as a method of critical inquiry into race, class, dis/ability, gender identity, and sexual orientation in concert, recordings, and other outputs. Readings in sound studies, analysis of music and film, and workshops led by special guests prepare students to disseminate ideas about culture, art, and technology through performance, podcast, narrative soundscape composition, documentary, and writing. This is an introductory course open to students from all disciplines.

Course Notes: **Undergraduates may enroll with permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Music 300

Reading and Research for Advanced Students (111710)

Carolyn Abbate

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Music 300

Reading and Research for Advanced Students (111710)

Carolyn Abbate

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Music 300 Section: 002

Reading and Research for Advanced Students (111710)

Katherine Pukinskis

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Music 300 Section: 002

Reading and Research for Advanced Students (111710)

Katherine Pukinskis

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Music 300 Section: 003

Reading and Research for Advanced Students (111710)

Andrew Clark

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Music 300 Section: 003

Reading and Research for Advanced Students (111710)

Andrew Clark

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Music 300 Section: 004

Reading and Research for Advanced Students (111710)

Suzannah Clark

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Music 300 Section: 004

Reading and Research for Advanced Students (111710)

Suzannah Clark

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Music 300 Section: 005

Reading and Research for Advanced Students (111710)

Federico Cortese

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Music 300 Section: 005

Reading and Research for Advanced Students (111710)

Federico Cortese

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Music 300 Section: 006

Reading and Research for Advanced Students (111710)

Chaya Czernowin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Music 300 Section: 006

Reading and Research for Advanced Students (111710)

Chaya Czernowin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Music 300 Section: 007

Reading and Research for Advanced Students (111710)

Christopher Hasty

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Music 300 Section: 008

Reading and Research for Advanced Students (111710)

Vijay Iyer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Music 300 Section: 008

Reading and Research for Advanced Students (111710)

Christopher Hasty

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Music 300 Section: 009

Reading and Research for Advanced Students (111710)

Vijay Iyer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Music 300 Section: 009

Reading and Research for Advanced Students (111710)

Jill Johnson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Music 300 Section: 010

Reading and Research for Advanced Students (111710)

Jill Johnson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Music 300 Section: 010

Reading and Research for Advanced Students (111710)

Ingrid Monson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Music 300 Section: 011

Reading and Research for Advanced Students (111710)

Carol Oja

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Music 300 Section: 012

Reading and Research for Advanced Students (111710)

Ingrid Monson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Music 300 Section: 012

Reading and Research for Advanced Students (111710)

Alexander Rehding

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Music 300 Section: 013

Reading and Research for Advanced Students (111710)

Kay Shelemay

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Music 300 Section: 014

Reading and Research for Advanced Students (111710)

Braxton Shelley

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Music 300 Section: 014

Reading and Research for Advanced Students (111710)

Carol Oja

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Music 300 Section: 015

Reading and Research for Advanced Students (111710)

Anne Shreffler

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Music 300 Section: 015

Reading and Research for Advanced Students (111710)

Alexander Rehding

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Music 300 Section: 016

Reading and Research for Advanced Students (111710)

Kay Shelemay

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Music 300 Section: 016

Reading and Research for Advanced Students (111710)

Hans Tutschku

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Music 300 Section: 017

Reading and Research for Advanced Students (111710)

Kate van Orden

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Music 300 Section: 017

Reading and Research for Advanced Students (111710)

Braxton Shelley

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Music 300 Section: 018

Reading and Research for Advanced Students (111710)

Richard Wolf

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Music 300 Section: 018

Reading and Research for Advanced Students (111710)

Anne Shreffler

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Music 300 Section: 019

Reading and Research for Advanced Students (111710)

Hans Tutschku

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Music 300 Section: 020

Reading and Research for Advanced Students (111710)

Kate van Orden

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Music 300 Section: 021

Reading and Research for Advanced Students (111710)

Richard Wolf

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Music 300 Section: 022

Reading and Research for Advanced Students (111710)

Michael Uy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Music 300 Section: 023

Reading and Research for Advanced Students (111710)

Michael Uy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work on specific topics not included in the announced course offerings.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Music 301R

Reading and Research (000301)

2019 Fall (2 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Individual work in preparation for the General Examination. May not be counted toward course requirements for the Ph.D degree.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Music 301R

Reading and Research (000301)

2020 Spring (2 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Individual work in preparation for the General Examination. May not be counted toward course requirements for the Ph.D degree.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Music 305R

Dissertation Proposal Research (208353)

Carol Oja

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Primarily for G3 students. Individual work in preparation for the dissertation proposal. Not counted toward the Ph.D.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Music 305R

Dissertation Proposal Research (208353)

Carol Oja

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Primarily for G3 students. Individual work in preparation for the dissertation proposal. Not counted toward the Ph.D.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Music 307T

Teaching Fellow (208933)

2020 Spring (2 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Primarily for G3 and advanced students spending time as a Teaching Fellow. Not counted towards the Ph. D

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Music 307T

Teaching Fellow (208933)

2019 Fall (2 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Primarily for G3 and advanced students spending time as a Teaching Fellow. Not counted towards the Ph. D

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Music 309

Doctoral Colloquium (111370)

Carol Oja

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Music 310

Direction of Doctoral Dissertations (111023)

Carolyn Abbate

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Music 310

Direction of Doctoral Dissertations (111023)

Carolyn Abbate

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Music 310 Section: 002

Direction of Doctoral Dissertations (111023)

Suzannah Clark

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

FAS Course Roll	FAS Course Roll

Music 310 Section: 002

Direction of Doctoral Dissertations (111023)

Suzannah Clark

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Music 310 Section: 003

Direction of Doctoral Dissertations (111023)

Chaya Czernowin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Music 310 Section: 003

Direction of Doctoral Dissertations (111023)

Chaya Czernowin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Music 310 Section: 004

Direction of Doctoral Dissertations (111023)

Emily Dolan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Music 310 Section: 004

Direction of Doctoral Dissertations (111023)

Emily Dolan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Music 310 Section: 005

Direction of Doctoral Dissertations (111023)

Christopher Hasty

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Music 310 Section: 005

Direction of Doctoral Dissertations (111023)

Christopher Hasty

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Music 310 Section: 006

Direction of Doctoral Dissertations (111023)

Vijay Iyer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Music 310 Section: 006

Direction of Doctoral Dissertations (111023)

Vijay Iyer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Music 310 Section: 007

Direction of Doctoral Dissertations (111023)

Thomas Forrest Kelly

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Music 310 Section: 007

Direction of Doctoral Dissertations (111023)

Thomas Forrest Kelly

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Music 310 Section: 008

Direction of Doctoral Dissertations (111023)

Ingrid Monson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Music 310 Section: 008

Direction of Doctoral Dissertations (111023)

Ingrid Monson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Music 310 Section: 009

Direction of Doctoral Dissertations (111023)

Carol Oja

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Music 310 Section: 009

Direction of Doctoral Dissertations (111023)

Carol Oja

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Music 310 Section: 010

Direction of Doctoral Dissertations (111023)

Alexander Rehding

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Music 310 Section: 010

Direction of Doctoral Dissertations (111023)

Alexander Rehding

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Music 310 Section: 011

Direction of Doctoral Dissertations (111023)

Sindhumathi Revuluri

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Music 310 Section: 011

Direction of Doctoral Dissertations (111023)

Sindhumathi Revuluri

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Music 310 Section: 012

Direction of Doctoral Dissertations (111023)

Kay Shelemay

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Music 310 Section: 012

Direction of Doctoral Dissertations (111023)

Kay Shelemay

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Music 310 Section: 013

Direction of Doctoral Dissertations (111023)

Anne Shreffler

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Music 310 Section: 013

Direction of Doctoral Dissertations (111023)

Anne Shreffler

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Music 310 Section: 014

Direction of Doctoral Dissertations (111023)

Hans Tutschku

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Music 310 Section: 014

Direction of Doctoral Dissertations (111023)

Hans Tutschku

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Music 310 Section: 015

Direction of Doctoral Dissertations (111023)

Kate van Orden

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Music 310 Section: 015

Direction of Doctoral Dissertations (111023)

Kate van Orden

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Music 310 Section: 016

Direction of Doctoral Dissertations (111023)

Richard Wolf

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Music 310 Section: 016

Direction of Doctoral Dissertations (111023)

Richard Wolf

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Music 310 Section: 017

Direction of Doctoral Dissertations (111023)

Braxton Shelley

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May not be counted toward course requirements for the PhD degree.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Music 9999

Independent Study - Private Music Lessons (009999)

Richard Wolf

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Near Eastern Languages and Civilizations

Subject: Modern Middle East

Modern Middle East 91R

Supervised Reading and Research (108446)

Ali Asani

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Tutorial supervision of research in subjects not treated in regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

Modern Middle East 91R

Supervised Reading and Research (108446)

Malika Zeghal

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Tutorial supervision of research in subjects not treated in regular courses.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Modern Middle East 91R Section: 002

Supervised Reading and Research (108446)

William Granara

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Tutorial supervision of research in subjects not treated in regular courses.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Modern Middle East 91R Section: 003

Supervised Reading and Research (108446)

Ahmed Ragab

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Tutorial supervision of research in subjects not treated in regular courses.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Modern Middle East 91R Section: 004

Supervised Reading and Research (108446)

Malika Zeghal

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Tutorial supervision of research in subjects not treated in regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Modern Middle East 100

The Modern Middle East, Real and Imagined: An Introduction (107349)

Malika Zeghal

2020 Spring (4 Credits) **Schedule:** M 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An introduction to Middle Eastern Studies focusing on the modern period (19th and 20th centuries).

Lectures will be broadly sequenced according to historical chronology but will be thematically organized. They will provide some historical context for each topic examined, as well as present specific examples through primary sources, visual sources, and numerical data when relevant. This course is designed to give students an overall good grasp of the history of the modern Middle East and of some of the major themes in modern Middle Eastern Studies. Students will critically engage with some of the most important topics that resonate in that area of the world. We will cover topics such as reformism, economic development, colonialism and nationalism, authoritarianism and democratization, sectarianism, culture, gender, literature and the arts, as well as the role of religion in politics. Most of these topics, in one way or another, will speak to the construction of nation-states in the Middle East and to the challenges they have been confronting. This is not a survey course. In particular, it will not be exhaustive in its coverage of the region in space or time, and in its coverage of topics. Students in search of a specific topic, country, or period are strongly encouraged to take a look at the syllabus prior to enrolling to make sure their specific interests will be covered. Assigned readings will consist of primary and secondary sources. Students will be exposed to first-hand accounts by protagonists in the history of the Middle East (primary sources) as well as to the diversity of approaches that the scholarly literature (secondary sources) has taken across disciplines, e.g. anthropological studies, quantitative analysis, philology and textual studies. The larger aim of the course is to develop students' critical thinking in dealing with the history, cultures, politics, and political economies of the contemporary Middle East.

Required for all NELC concentrators in The Modern Middle East. Other students must request instructor's permission before enrolling. There are no prerequisites for this course.

Course Notes: **A required course for undergraduates pursuing a secondary field in Modern Middle Eastern Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Modern Middle East 200A

Approaches to Middle Eastern Studies (117327)

Cemal Kafadar

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 18

Interdisciplinary seminar serves as an introduction to the major disciplines constituting Middle Eastern Studies, including history, political science, anthropology, literature and Islamic Studies. Faculty affiliated with Center for Middle Eastern Studies serve as guest lecturers.

Course Notes: **Taught by members of the department. Required for students pursuing the AM in Middle Eastern Studies. Primarily for first-term students in the AM in Middle Eastern Studies program, although open to Graduate students in related fields.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None

Modern Middle East 300

Direction of Master's Thesis (108447)

Ali Asani

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Modern Middle East 300 Section: 002

Direction of Master's Thesis (108447)

William Granara

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Modern Middle East 300 Section: 003

Direction of Master's Thesis (108447)

Baber Johansen

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Modern Middle East 300 Section: 005

Direction of Master's Thesis (108447)

Malika Zeghal

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Modern Middle East 310

Reading and Research in the Modern Middle East (159948)

Malika Zeghal

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Modern Middle East 310

Reading and Research in the Modern Middle East (159948)

Ali Asani

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Modern Middle East 310 Section: 002

Reading and Research in the Modern Middle East (159948)

William Granara

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Modern Middle East 310 Section: 003

Reading and Research in the Modern Middle East (159948)

Baber Johansen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Modern Middle East 310 Section: 004

Reading and Research in the Modern Middle East (159948)

Malika Zeghal

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Modern Middle East 315

Reading al-Manar in the Interwar Period (160403)

Malika Zeghal

2019 Fall (4 Credits) **Schedule:** M 0600 PM - 0800 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Meeting approximately every other week, students will establish digital maps and databases based on al-Manar and other periodicals in Morocco, Tunisia, and Egypt in the Inter War Period. Enrollment only by instructor's permission.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Modern Middle East 315

Reading al-Manar in the Interwar Period (160403)

Malika Zeghal

2020 Spring (4 Credits) **Schedule:** M 0600 PM - 0715 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Meeting approximately every other week, students will establish digital maps and databases based on al-Manar and other periodicals in Morocco, Tunisia, and Egypt in the Inter War Period. Enrollment only by instructor's permission.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Subject: Islamic Civilizations

Islamic Civilizations 100

Supervised Reading and Research in Islamic Studies (107884)

Ali Asani

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A course of supervised research in subjects related to the study of Islam and Muslim societies not treated in regular courses.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Islamic Civilizations 110

Major Works of Islamic Civilizations (214543)

Khaled El-Rouayheb

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course offers a reading of a number of major works of Islamic Civilization, for example from the universal chronicle of al-Tabari (d. 923), the forty hadith of al-Nawawi (d. 1277), a work on the lives of the Shi'i Imams by al-Shaykh al-Mufid (d. 1044), the autobiography of al-Ghazali (d. 1111), the Gulistan by Sa'di (d. 1291), the famous Introduction to History by Ibn Khaldun (d. 1406), a manual on Sufism by Aisha al-Ba' uniyya (d. 1516), and the description of Paris by al-Tahtawi (d. 1873). The course aims to give students an exposure to different, co-existing cultural traditions within Islamic civilization, including chronicles and hagiographies, Islamic creeds, Sufism, belles-lettres, popular folktales and travelogues.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Islamic Civilizations 145B

Introduction to Islamic Philosophy and Theology: The Modern Period (19th and 20th centuries) (109521)

Khaled El-Rouayheb

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The course is a continuation of Islamic Civilizations 145a but may be taken independently. It explores the thought of some of the major Islamic philosophers and theologians in the 19th and 20th centuries: Muhammad Abduh, Muhammad Iqbal, Said Nursi, Abu l-Ala Maududi, Sayyid Qutb, Ali Shariati, Murtaza Mutahheri and AbdolKarim Soroush.

Course Notes: **Offered alternate years with Islamic Civilizations 145a. Though the two courses can be taken in either order, 145a covers the 8th-17th centuries and 145b covers the 19th-20th centuries. Offered jointly with the Divinity School as 3602b.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Islamic Civilizations 146

Al-Ghazali's Thought and Legacy (123196)

Mariam Sheibani

2020 Spring (4 Credits) **Schedule:** W 0900 AM - 1059 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Abū □āmid al-Ghazālī (d. 505/1111) is known as "The Proof of Islam" and is widely considered to be the most influential philosopher, theologian, and mystic in Sunni Islam. This course will serve as an inquiry into al-Ghazālī's synthetic understanding and approach to Islam and its legal, theological, cosmological, ethical, spiritual, political, sociological, and metaphysical dimensions. To this end, we will study al-Ghazālī's writings focusing on the following areas: epistemology, scriptural hermeneutics, classification of knowledge, the Divine names and attributes, prophetology, the Qur□ān, religious psychology, political and social dimensions of religion and religious practice, and heresiography. The course teaches a method of close textual reading, and proposes an interpretation of al-Ghazālī's methods that spans his corpus and his diverse writings across disciplines. Additionally, the course will study the reception al-Ghazālī and his works in the later Islamic tradition.

Prerequisite: Three years of Arabic or equivalent. Many of the texts we will be studying are also available in English translation, so students without the Arabic prerequisite should contact the instructor. Jointly offered in Harvard Divinity School as HDS 3169.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students

Islamic Civilizations 158X

Introduction to the Quran (160949)

Shady Nasser

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A critical introduction to the Qur'an as text and as scripture, focusing on its origins, form, and content, with attention to its ongoing life in the Arab-Islamic society. As we examine traditional scholarship, contemporary views on the Qur'an (mainly through YouTube videos, lectures, interviews) will be presented and discussed in comparison with the classical-traditional views on various themes of the Qur□ānic text. No previous study of Arabic or Islam is required. Mainly for undergraduate students.

Topics include: Prophetic traditions, Oral and written transmissions, schools of Qur□ānic Exegesis (Commentaries), women and family in Islam, Qur□ān and science, animals in the Qur□ān, the supernatural, tradition and reform in Arab-Islamic societies. Students will read weekly selections from the Qur□ān, watch lengthy videos and interviews, and write response papers on the secondary literature.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Islamic Civilizations 160

Islamic Ethics: Between Reason, Revelation and Reform (213612)

Mariam Sheibani

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

What are the central concerns and disputes that characterize Islam's ethical tradition? How does it differ from other religious and moral traditions? To what extent is it sourced in reason and revelation? How is Islam's pre-modern ethical tradition engaged to solve contemporary ethical dilemmas? These are some of the questions we will explore in this course, which examines discourses and developments in Islam's ethical tradition, from the inception of Islam to the present day (spanning the seventh to the twenty-first century). While Islamic ethics is usually located in the science of character reification (akhlāq), many other aspects of Islam's intellectual and lived traditions comprise major ethical concerns, such as Islamic law, theology, mysticism and philosophy. Accordingly, the first half of our course will examine and critically interrogate the diverse approaches towards ethical concerns found first in Muslim scripture and then in this range of literatures.

In the second half of the course, we will use the tools and principles of Islamic ethical reasoning to collaboratively deliberate political, sexual, biomedical and environmental ethical dilemmas debated by contemporary Muslims. For example, how does Islam's ethical tradition address such issues as the morality of animal testing, abortion and the torture of POWs? Is polygamy ever ethical? Can Muslims support marriage equality? What are the community's ethical obligations to LGBTQ+ Muslims? In examining these questions, we will explore the diverse, if at times contradictory, approaches offered by Islam's ethical tradition towards these timely issues. In particular, we will reflect about how these constructive ethical projects draw on or transform the received resources in the classical Islamic tradition.

Course Notes: **HDS 3062**

Class Notes: **Instructor - Prof. Mariam Sheibani**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Islamic Civilizations 218

Islamic Institutions - Middle East & Beyond: Modern Transformations & Debates (19th-21st centuries) (211155)

Malika Zeghal

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This graduate seminar explores the transformation of Islamic institutions in the modern period, such as religious endowments (Awqaf), sharia courts, and Islamic education. We will engage with the historiography of these institutions and with primary sources in Arabic that will help us open new paths for research.

Recommended Prep: **Arabic reading proficiency preferable.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities

Islamic Civilizations 245

Egypt's Supreme Constitutional Court (SCC): Intro of Classical Islamic Law into Modern Egyptian Law (214419)

Baber Johansen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 12

We will start with a short introduction of constitutional courts into the Egyptian judicial system from the end of the 1960s on. We will then start to read decisions of the SCC in the 1970s and 1980s focusing on the growing importance assigned to Islamic Law as one of the sources of Egypt's modern constitutional law during the 1970s and 1980s. If we find the time we will discuss the court's position in the failed efforts of democratization attempted by the mass manifestations in 2011.

Course Notes: **Knowledge of Arabic or instructor's permission required.**

Class Notes: **Class location is Rockefeller 115 (HDS). Offered through the Divinity school as HDS 3496.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Islamic Civilizations 246

Cosmic Causes for the Fasting and the Zakat of the Mentally Ill (214418)

Baber Johansen

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0159 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

The main topic treated in this course is the integration of the mentally ill into the Muslim religious community through their integration into the ritual community of Islam. We will read two introductory texts in English and French that I published on this topic recently. From the fourth session on we will read classical Arabic texts from Transoxania written by jurists of the eleventh and twelfth centuries who – still today – exert a strong influence on the interpretation of Islamic Law in the Arab World and in Turkey.

Course Notes: **Knowledge of Arabic or instructor's permission required.**

Class Notes: **Class location: Divinity 320 (HDS). Offered through the Divinity school**

as HDS 3497.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Graduate Students

Islamic Civilizations 300

Reading and Research in Islamic Civilizations (111145)

Khaled El-Rouayheb

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Islamic Civilizations 300

Reading and Research in Islamic Civilizations (111145)

Ali Asani

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Islamic Civilizations 300 Section: 002

Reading and Research in Islamic Civilizations (111145)

Khaled El-Rouayheb

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Islamic Civilizations 300 Section: 003

Reading and Research in Islamic Civilizations (111145)

William A. Graham

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Islamic Civilizations 300 Section: 004

Reading and Research in Islamic Civilizations (111145)

William Granara

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Islamic Civilizations 300 Section: 005

Reading and Research in Islamic Civilizations (111145)

Baber Johansen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Islamic Civilizations 300 Section: 006

Reading and Research in Islamic Civilizations (111145)

Ousmane Oumar Kane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Islamic Civilizations 300 Section: 007

Reading and Research in Islamic Civilizations (111145)

Malika Zeghal

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Subject: Persian

Persian AA

Elementary Persian I (123051)

Sheida Dayani

2019 Fall (4 Credits) **Schedule:** MTWRF 0900 AM - 1000 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to the grammar of modern literary and spoken Persian. Selected readings from contemporary and classical Persian literature. This is an indivisible course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Not open to auditors. Cannot be taken pass/fail. Persian AA/AB is an indivisible year-long course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
Full Year Course	Indivisible Course
FAS: Meets Foreign Lang Req	Persian
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Persian AB

Elementary Persian II (159991)

Sheida Dayani

2020 Spring (4 Credits) **Schedule:** MTWRF 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Introduction to the grammar of modern literary and spoken Persian. Selected readings from contemporary and classical Persian literature. This is an indivisible course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Not open to auditors. Cannot be taken pass/fail. Persian AA/AB is an indivisible year-long course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Persian
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Search Attributes	Display Only in Course Search
Full Year Course	Indivisible Course
FAS Course Roll	FAS Course Roll

Persian BA

Intermediate Persian I (111324)

Sheida Dayani

2019 Fall (4 Credits) **Schedule:** MTWRF 1030 AM - 1130 AM

Instructor Permissions: None **Enrollment Cap:** n/a

A thorough review and continuation of modern Persian grammar with an emphasis on reading, writing, speaking, and listening comprehension. Includes an introduction to classical prosody. Course materials draw from both classical and modern poetry and prose.

Course Notes: **Not open to auditors. Cannot be taken pass/fail.**

Recommended Prep: **Persian AA/AB sequence, or the equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Persian
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Persian
FAS Course Roll	FAS Course Roll

Persian BB

Intermediate Persian II (113367)

Sheida Dayani

2020 Spring (4 Credits) **Schedule:** MTWRF 1030 AM - 1130 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Persian Ba.

Course Notes: **Not open to auditors. Cannot be taken pass/fail.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Persian
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
HCOL: Foreign Lang Citation	Persian
All: Cross Reg Availability	Available for Harvard Cross Registration

Persian 130AR

Advanced Persian I (109546)

Sheida Dayani

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0415 PM
W 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course is a survey of Persian literature in Persian with a focus on the 19th and the 20th centuries. We begin with methods of reading literary Persian texts and continue to classical poetry, folk literature, travelogues, letters, political satire, drama, fiction, and modern poetry. There is occasional incorporation of film depending on interest. Knowledge of Persian is required. Students must have successfully completed Intermediate Persian BB at Harvard or passed the placement test for the equivalent. Instructor's permission

is required if former Persian studies are outside Harvard.

Course Notes: **Formerly Persian 131r and Persian 132r.**

Recommended Prep: **Persian BA/BB sequence, or equivalent, or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Persian
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Persian

Persian 130BR

Literary and Historical Texts in Persian (109547)

Sheida Dayani

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course explores classical and modern Persian literature for literary texts with historical significance and historical texts with literary value. Genres include travelogues, journals, classical and modern poetry, essays, satire, fiction, plays, letters, court documents, film, music, and other audio-visual material. Students are expected to reflect on the weekly readings with one-page response papers in Persian, plus a midterm paper and a final paper. Class is conducted in Persian.

Course Notes: **Formerly Persian 131r and Persian 132r.**

Recommended Prep: **Persian 130AR or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Persian
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Persian
FAS Course Roll	FAS Course Roll

Persian 152

Literary and Visual Narrative in the Persian Epic Tradition (107672)

Justine Landau

2020 Spring (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Foundational to Iranian cultural identity and a masterpiece of world literature, the *Shahnameh* of Abolqasem Ferdowsi (*ca.* 940 – 1019) can be said to epitomize the essential features of Persian epic, much

like Homer's *Iliad* and *Odyssey* for Greek. With its unique combination of mythical, heroic and historical components, the Persian *Book of Kings* is also one of the most widely illustrated narratives in the Islamicate arts of the book. Alongside the reading of the *Shahname* in Dick Davis' authoritative English translation, students will become acquainted with the great Persian epic as a living tradition of telling and retelling in written, visual and oral form. Topics include the elements of marvel, romance and ethics characteristic of the epic genre, and the relationship between the text of the poem and its manuscript illustrations.

Recommended Prep: **Knowledge of Persian not required. Lectures and readings will be in English, and a separate section will be arranged for students with adequate reading knowledge of Persian.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Persian 155

"Beginnings": Prefaces and Exordiums in Classical Persian Literature (159759)

Justine Landau

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Readings from major Persian poetic and prose works from the 10th to the 15th century, with a focus on prefaces and exordiums. Spanning across genres, from epic, lyric and narrative verse to didactic *andarz*, scientific treatise and historiography, the course will explore the various possible openings of classical Persian texts and survey the functions and techniques of literary thresholds. Authors will include Ferdowsī, Keykāvuṣ, Ne□āmī, Joveynī, Rūmī and Jāmī.

Class Notes: **This class will meet in Semitic Museum Rm 202.**

Recommended Prep: **At least two years of Persian or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Persian 157

Storytellers' Drama: Iranian Theatre and Persian Play (213652)

Sheida Dayani

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

What does a storyteller do when every character of the story tells one story? Persian literature is partly known for its epic-heroic and narrative poetry: drama in verse. This seminar is a survey of Iranian theatre from the pre-Islamic era until the present with a focus on the modern period. The objective is identifying the indigenous genres of Iranian performance, understanding the evolution of Iranian drama in its religious and non-religious contexts, reading the major translated works of Persian dramatic literature, and watching subtitled films and recorded plays. The themes revolve around artistic creation, gender and class (in) equality, political resistance, Westernization and anti-Westernization, cultural imperialism, revolution, and civil disobedience. Students are asked to write one-page weekly reports to reflect on the material, plus a midterm paper and a final paper. For the final project, students of the Theatre Department have the option of collaborating to perform a play accompanied by a shorter paper that explains their approach. No knowledge of Persian is necessary.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

Persian 252

Between Fiction and Science: The Form(s) of Knowledge in the Premodern Persianate World (215728)

Justine Landau

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This seminar explores the porous boundaries between fiction and science in premodern Persian literature, with readings selected from major prose and poetic texts from the 10th to the 16th century. Students will engage in the close reading of chosen passages spanning across genres, from works on logic and ethics to histories and travelogues, and from treatises on rhyme and agriculture to narrative verse, and manuals of Sufism. Discussed in conversation with relevant secondary literature, these texts invite us to interrogate the diversity of forms and strategies involved in the transmission of knowledge, at the intersection of belles-lettres and discourses of truth. Authors will include: Avicenna, Ferdowsi, Hojviri, Beyhaqi, Nâser Khosrow, Nezâmi Ganjavi, Nasir al-Din Tusi, Qâsem b. Yusof Abunasri and others, to be agreed upon depending on student interest.

Recommended Prep: **Prerequisites: Three years of Persian or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Persian 300

Persian Language and Literature (120105)

Justine Landau

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Persian 300

Persian Language and Literature (120105)

Justine Landau

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Subject: Arabic

Arabic AA

Elementary Arabic I (116746)

Nevenka Korica Sullivan

2019 Fall (4 Credits) **Schedule:** MTWRF 0900 AM - 1000 AM

Instructor Permissions: Instructor **Enrollment Cap:** 18

Introduces students to the phonology and script of classical/modern standard Arabic and covers the basic morphology and syntax of the written language. Emphasis on the development of the four skills (reading, speaking, listening, and writing). Samples of modern (contemporary) and classical styles of writing introduced into basic syllabus, and audio-visual material from the contemporary Arabic media. Required textbooks: (1) *Alif Baa* (with multimedia), 3rd edition. (2) *Al-Kitaab fii Ta'allum al-'Arabiyya:*, Part I, 3rd edition. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Offered jointly with the Divinity School as 4345A. Each section is limited to 18 enrollment.**

Not open to auditors. Cannot be taken pass/fail. Arabic AA/AB is an indivisible year-long course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Arabic
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
Full Year Course	Indivisible Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Arabic AA Section: 002

Elementary Arabic I (116746)

Nevenka Korica Sullivan

2019 Fall (4 Credits) **Schedule:** MTWRF 0900 AM - 1000 AM

Instructor Permissions: Instructor **Enrollment Cap:** 18

Introduces students to the phonology and script of classical/modern standard Arabic and covers the basic morphology and syntax of the written language. Emphasis on the development of the four skills (reading, speaking, listening, and writing). Samples of modern (contemporary) and classical styles of writing introduced into basic syllabus, and audio-visual material from the contemporary Arabic media. Required textbooks: (1) *Alif Baa* (with multimedia), 3rd edition. (2) *Al-Kitaab fii Ta'allum al-'Arabiyya:*, Part I, 3rd edition. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Offered jointly with the Divinity School as 4345A. Each section is limited to 18 enrollment.**

Not open to auditors. Cannot be taken pass/fail. Arabic AA/AB is an indivisible year-long course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Arabic
FAS: Course Level	For Undergraduate and Graduate Students
Full Year Course	Indivisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Arabic AA Section: 003

Elementary Arabic I (116746)

2019 Fall (4 Credits) **Schedule:** MTWRF 1030 AM - 1130 AM

Instructor Permissions: Instructor **Enrollment Cap:** 18

Introduces students to the phonology and script of classical/modern standard Arabic and covers the basic morphology and syntax of the written language. Emphasis on the development of the four skills (reading, speaking, listening, and writing). Samples of modern (contemporary) and classical styles of writing introduced into basic syllabus, and audio-visual material from the contemporary Arabic media. Required

textbooks: (1) *Alif Baa* (with multimedia), 3rd edition. (2) *Al-Kitaab fii Ta'allum al-'Arabiyya:*, Part I, 3rd edition. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Offered jointly with the Divinity School as 4345A. Each section is limited to 18 enrollment.**

Not open to auditors. Cannot be taken pass/fail. Arabic AA/AB is an indivisible year-long course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Arabic
FAS Course Roll	FAS Course Roll
Full Year Course	Indivisible Course

Arabic AA Section: 004

Elementary Arabic I (116746)

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0100 PM
MWF 1200 PM - 0100 PM

Instructor Permissions: Instructor **Enrollment Cap:** 18

Introduces students to the phonology and script of classical/modern standard Arabic and covers the basic morphology and syntax of the written language. Emphasis on the development of the four skills (reading, speaking, listening, and writing). Samples of modern (contemporary) and classical styles of writing introduced into basic syllabus, and audio-visual material from the contemporary Arabic media. Required textbooks: (1) *Alif Baa* (with multimedia), 3rd edition. (2) *Al-Kitaab fii Ta'allum al-'Arabiyya:*, Part I, 3rd edition. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Offered jointly with the Divinity School as 4345A. Each section is limited to 18 enrollment.**

Not open to auditors. Cannot be taken pass/fail. Arabic AA/AB is an indivisible year-long course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
Full Year Course	Indivisible Course
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Arabic
FAS: Course Level	For Undergraduate and Graduate Students

Arabic AA Section: 005

Elementary Arabic I (116746)

2019 Fall (4 Credits) **Schedule:** MTWRF 0130 PM - 0230 PM

Instructor Permissions: Instructor **Enrollment Cap:** 18

Introduces students to the phonology and script of classical/modern standard Arabic and covers the basic morphology and syntax of the written language. Emphasis on the development of the four skills (reading, speaking, listening, and writing). Samples of modern (contemporary) and classical styles of writing introduced into basic syllabus, and audio-visual material from the contemporary Arabic media. Required textbooks: (1) *Alif Baa* (with multimedia), 3rd edition. (2) *Al-Kitaab fii Ta'allum al-'Arabiyya:*, Part I, 3rd edition. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Offered jointly with the Divinity School as 4345A. Each section is limited to 18 enrollment.**

Not open to auditors. Cannot be taken pass/fail. Arabic AA/AB is an indivisible year-long course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Arabic
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
Full Year Course	Indivisible Course

Arabic AB

Elementary Arabic II (159876)

Nevenka Korica Sullivan

2020 Spring (4 Credits) **Schedule:** MTWRF 0900 AM - 1000 AM

Instructor Permissions: Instructor **Enrollment Cap:** 18

Introduces students to the phonology and script of classical/modern standard Arabic and covers the basic morphology and syntax of the written language. Emphasis on the development of the four skills (reading, speaking, listening, and writing). Samples of modern (contemporary) and classical styles of writing introduced into basic syllabus, and audio-visual material from the contemporary Arabic media. Required textbooks: (1) *Alif Baa* (with multimedia), 2nd edition. (2) *Al-Kitaab fii Ta'allum al-'Arabiyya:*, Part I, 2nd edition. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Offered jointly with the Divinity School as 4345B. Each section is limited to 18 enrollment.**

Not open to auditors. Cannot be taken pass/fail. Arabic AA/AB is an indivisible year-long course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Indivisible Course
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
FAS: Meets Foreign Lang Req	Arabic

Arabic AB Section: 002

Elementary Arabic II (159876)

Richard Cozzens

2020 Spring (4 Credits) **Schedule:** MTWRF 0900 AM - 1000 AM

Instructor Permissions: Instructor **Enrollment Cap:** 18

Introduces students to the phonology and script of classical/modern standard Arabic and covers the basic morphology and syntax of the written language. Emphasis on the development of the four skills (reading, speaking, listening, and writing). Samples of modern (contemporary) and classical styles of writing introduced into basic syllabus, and audio-visual material from the contemporary Arabic media. Required textbooks: (1) *Alif Baa* (with multimedia), 2nd edition. (2) *Al-Kitaab fii Ta'allum al-'Arabiyya:*, Part I, 2nd edition. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Offered jointly with the Divinity School as 4345B. Each section is limited to 18 enrollment.**

Not open to auditors. Cannot be taken pass/fail. Arabic AA/AB is an indivisible year-long course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
Course Search Attributes	Display Only in Course Search
FAS: Course Level	For Undergraduate and Graduate Students
Full Year Course	Indivisible Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Arabic

Arabic AB Section: 003

Elementary Arabic II (159876)

Richard Cozzens

2020 Spring (4 Credits) **Schedule:** MTWRF 1030 AM - 1130 AM

Instructor Permissions: Instructor **Enrollment Cap:** 18

Introduces students to the phonology and script of classical/modern standard Arabic and covers the basic morphology and syntax of the written language. Emphasis on the development of the four skills (reading, speaking, listening, and writing). Samples of modern (contemporary) and classical styles of writing introduced into basic syllabus, and audio-visual material from the contemporary Arabic media. Required textbooks: (1) *Alif Baa* (with multimedia), 2nd edition. (2) *Al-Kitaab fii Ta'allum al-'Arabiyya:*, Part I, 2nd edition. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Offered jointly with the Divinity School as 4345B. Each section is limited to 18 enrollment.**

Not open to auditors. Cannot be taken pass/fail. Arabic AA/AB is an indivisible year-long course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
Course Search Attributes	Display Only in Course Search
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Indivisible Course
FAS: Meets Foreign Lang Req	Arabic
FAS Course Roll	FAS Course Roll

Arabic AB Section: 004

Elementary Arabic II (159876)

Richard Cozzens

2020 Spring (4 Credits) **Schedule:** MTWRF 1200 PM - 0100 PM

Instructor Permissions: Instructor **Enrollment Cap:** 18

Introduces students to the phonology and script of classical/modern standard Arabic and covers the basic morphology and syntax of the written language. Emphasis on the development of the four skills (reading, speaking, listening, and writing). Samples of modern (contemporary) and classical styles of writing introduced into basic syllabus, and audio-visual material from the contemporary Arabic media. Required textbooks: (1) *Alif Baa* (with multimedia), 2nd edition. (2) *Al-Kitaab fii Ta'allum al-'Arabiyya:*, Part I, 2nd edition. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Offered jointly with the Divinity School as 4345B. Each section is limited to 18 enrollment.**

Not open to auditors. Cannot be taken pass/fail. Arabic AA/AB is an indivisible year-long course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Indivisible Course
Course Search Attributes	Display Only in Course Search

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Arabic
FAS Course Roll	FAS Course Roll

Arabic AB Section: 005

Elementary Arabic II (159876)

Muhammad Habib

2020 Spring (4 Credits) **Schedule:** MTWRF 0130 PM - 0230 PM

Instructor Permissions: Instructor **Enrollment Cap:** 18

Introduces students to the phonology and script of classical/modern standard Arabic and covers the basic morphology and syntax of the written language. Emphasis on the development of the four skills (reading, speaking, listening, and writing). Samples of modern (contemporary) and classical styles of writing introduced into basic syllabus, and audio-visual material from the contemporary Arabic media. Required textbooks: (1) *Alif Baa* (with multimedia), 2nd edition. (2) *Al-Kitaab fii Ta'allum al-'Arabiyya:*, Part I, 2nd edition. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Offered jointly with the Divinity School as 4345B. Each section is limited to 18 enrollment.**

Not open to auditors. Cannot be taken pass/fail. Arabic AA/AB is an indivisible year-long course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
Full Year Course	Indivisible Course
FAS: Course Level	For Undergraduate and Graduate Students
Course Search Attributes	Display Only in Course Search
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Arabic
FAS: Final Assessment Category	Three-hour Exam

Arabic BA

Intermediate Arabic I (109425)

Nour Barmada

2019 Fall (4 Credits) **Schedule:** MTWR 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** 25

A thorough review and continuation of literary (classic and modern) Arabic grammar with emphasis on reading, writing, speaking and listening comprehension. Course materials draw from both classical and modern Arabic literature and culture. Required textbook: *Al-Kitaab fii Ta'allum al-Arabiyya*, Part II with

DVDs, 2nd edition.

Course Notes: **Not open to auditors. Cannot be taken pass/fail. Offered jointly with the Divinity School as 4360. Each section is limited to 18 enrollment.**

Recommended Prep: **Arabic AA/AB series, or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Classical Arabic
FAS: Meets Foreign Lang Req	Arabic
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Arabic BA Section: 002

Intermediate Arabic I (109425)

Nour Barmada

2019 Fall (4 Credits) **Schedule:** MTWR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 18

A thorough review and continuation of literary (classic and modern) Arabic grammar with emphasis on reading, writing, speaking and listening comprehension. Course materials draw from both classical and modern Arabic literature and culture. Required textbook: *Al-Kitaab fii Ta'allum al-Arabiyya*, Part II with DVDs, 2nd edition.

Course Notes: **Not open to auditors. Cannot be taken pass/fail. Offered jointly with the Divinity School as 4360. Each section is limited to 18 enrollment.**

Recommended Prep: **Arabic AA/AB series, or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Classical Arabic
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Arabic

Arabic BA Section: 003

Intermediate Arabic I (109425)

Nour Barmada

2019 Fall (4 Credits) **Schedule:** MTWR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A thorough review and continuation of literary (classic and modern) Arabic grammar with emphasis on reading, writing, speaking and listening comprehension. Course materials draw from both classical and

modern Arabic literature and culture. Required textbook: *Al-Kitaab fii Ta'allum al-Arabiyya*, Part II with DVDs, 2nd edition.

Course Notes: **Not open to auditors. Cannot be taken pass/fail. Offered jointly with the Divinity School as 4360. Each section is limited to 18 enrollment.**

Recommended Prep: **Arabic AA/AB series, or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Classical Arabic
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Arabic

Arabic BB

Intermediate Arabic II (127804)

Nour Barmada

2020 Spring (4 Credits) **Schedule:** MTWR 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

A continuation of Arabic Ba. Textbook: *Al-Kitaab*, volume II, 2nd edition.

Course Notes: **Not open to auditors. Cannot be taken pass/fail. Offered jointly with the Divinity School as 4361. Each section is limited to 18 enrollment.**

Recommended Prep: **Arabic AA/AB series, and Arabic BA, or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	Modern Standard Arabic
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Arabic

Arabic BB Section: 002

Intermediate Arabic II (127804)

Nour Barmada

2020 Spring (4 Credits) **Schedule:** MTWR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

A continuation of Arabic Ba. Textbook: *Al-Kitaab*, volume II, 2nd edition.

Course Notes: **Not open to auditors. Cannot be taken pass/fail. Offered jointly with the**

Divinity School as 4361. Each section is limited to 18 enrollment.

Recommended Prep: **Arabic AA/AB series, and Arabic BA, or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam
HCOL: Foreign Lang Citation	Modern Standard Arabic
FAS: Meets Foreign Lang Req	Arabic
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Arabic BB Section: 003

Intermediate Arabic II (127804)

Nour Barmada

2020 Spring (4 Credits) **Schedule:** MTWR 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

A continuation of Arabic Ba. Textbook: *Al-Kitaab*, volume II, 2nd edition.

Course Notes: **Not open to auditors. Cannot be taken pass/fail. Offered jointly with the Divinity School as 4361. Each section is limited to 18 enrollment.**

Recommended Prep: **Arabic AA/AB series, and Arabic BA, or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Modern Standard Arabic
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Arabic

Arabic 130A

Upper-Level Classical Arabic I (114034)

Muhammad Habib

2019 Fall (4 Credits) **Schedule:** MWR 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** 25

Introduction to Classical Arabic grammar and styles, with readings from classical Islamic texts, with emphasis on Qur'an, hadîth, sîra, and tafsîr literature.

Course Notes: **Not open to auditors. Offered jointly with the Divinity School as 4353.**

Recommended Prep: **Arabic Ba or equivalent, or may be taken separately with permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Classical Arabic
FAS: Meets Foreign Lang Req	Arabic
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Arabic 130B

Upper-Level Classical Arabic II (112096)

Muhammad Habib

2020 Spring (4 Credits) **Schedule:** MWR 0900 AM - 1000 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Arabic 130a or may be taken separately with permission of the instructor. Advanced Classical Arabic grammar and styles, with readings from corpus of "Adab" (Belles-Lettres) literature, as well as various pieces of classical Arabic poetry.

Course Notes: **Not open to auditors. Offered jointly with the Divinity School as 4354.**

Recommended Prep: **Arabic 130a or equivalent, or may be taken separately with permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Arabic
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Classical Arabic

Arabic 131A

Upper-Level Modern Arabic I (121346)

Nevenka Korica Sullivan

2019 Fall (4 Credits) **Schedule:** MTWR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Reading and discussion of selections from Arabic newspapers and journals on contemporary political, social, religious, and cultural issues in the Arab world. Emphasis on developing advanced reading and speaking skills, with some attention to writing and listening comprehension.

Course Notes: **Not open to auditors.**

Recommended Prep: **Arabic BB or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Arabic
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Modern Standard Arabic

Arabic 131A Section: 002

Upper-Level Modern Arabic I (121346)

Nevenka Korica Sullivan

2019 Fall (4 Credits) **Schedule:** MTWR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Reading and discussion of selections from Arabic newspapers and journals on contemporary political, social, religious, and cultural issues in the Arab world. Emphasis on developing advanced reading and speaking skills, with some attention to writing and listening comprehension.

Course Notes: **Not open to auditors.**

Recommended Prep: **Arabic BB or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Arabic
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Modern Standard Arabic

Arabic 131B

Upper-Level Modern Arabic II (120127)

Nevenka Korica Sullivan

2020 Spring (4 Credits) **Schedule:** MTWR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

A continuation of Arabic 131a or may be taken separately with permission of the instructor. Continued emphasis on advanced reading and speaking skills, and introduction to contemporary Arabic fiction, with emphasis on short stories and essays.

Course Notes: **Not open to auditors.**

Recommended Prep: **Arabic 131a or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Arabic

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Modern Standard Arabic
FAS: Course Level	For Undergraduate and Graduate Students

Arabic 131B Section: 002

Upper-Level Modern Arabic II (120127)

Nevenka Korica Sullivan

2020 Spring (4 Credits) **Schedule:** MTWR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A continuation of Arabic 131a or may be taken separately with permission of the instructor. Continued emphasis on advanced reading and speaking skills, and introduction to contemporary Arabic fiction, with emphasis on short stories and essays.

Course Notes: **Not open to auditors.**

Recommended Prep: **Arabic 131a or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Modern Standard Arabic
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Arabic
FAS Course Roll	FAS Course Roll

Arabic 241AR

Advanced Modern Arabic Bridge: Language, Literature, and Culture I (112869)

Nevenka Korica Sullivan

2019 Fall (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This constitutes the final year of Modern Arabic track. Representative readings from contemporary literature and culture will form bases of discussions on major themes in contemporary Arab society.

Course Notes: **Conducted in Arabic. Not open to auditors.**

Recommended Prep: **Advanced proficiency in Arabic.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Arabic
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
HCOL: Foreign Lang Citation	Modern Standard Arabic

Arabic 241BR

Advanced Modern Arabic Bridge: Language, Literature, and Culture II (118412)

Nevenka Korica Sullivan

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

A continuation of Arabic 241AR.

Course Notes: **Conducted in Arabic. Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Arabic
HCOL: Foreign Lang Citation	Modern Standard Arabic
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities

Arabic 242AR

Arabic Five: The Arabic Short Story Between Art and Politics (108971)

Muhammad Habib

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0100 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Course Notes: **Course conducted solely in Arabic; all readings in Arabic.**

Recommended Prep: **The course is aimed at students who have successfully completed eight semesters of Arabic. Textual analyses, conversations, presentations and written assignments of various lengths will prepare students to discuss, orally and in writing various aspects of Arab culture and society on a stylistically sophisticated level. Texts vary according to interests of students.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Arabic
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Graduate Students

Arabic 242BR

Arabic 5: Modern Arabic Poetry (108970)

Muhammad Habib

2020 Spring (4 Credits) **Schedule:** T 0130 PM - 0330 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Course Notes: **Course conducted solely in Arabic; all readings in Arabic.**

Recommended Prep: **The course is aimed at students who have successfully completed eight semesters of Arabic. Textual analyses, conversations, presentations and written assignments of various lengths will prepare students to discuss, orally and in writing various aspects of Arab culture and society on a stylistically sophisticated level. Texts vary according to interests of students.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Modern Standard Arabic
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Arabic
FAS: Course Level	Primarily for Graduate Students

Arabic 243DR

Advanced Readings in Classical Arabic Bridge IV: Religious Sciences (109804)

Shady Nasser

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Recommended Prep: **Three years of Arabic or equivalent level of proficiency.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS: Meets Foreign Lang Req	Arabic
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Arabic 245R

Classical Arabic Seminar: Introduction to Qur'anic sciences (114291)

Shady Nasser

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A close reading of major selections from al-Suyū□ī's work on Qur□ānic sciences (*al-Itqān fī □Ulūm al-Qur□ān*). Topics include history of the transmission of the Qur□ānic text, schools of exegesis, abrogation, occasions of revelation, inimitability, revelation, and rhetorical devices (□*aqīqa*, *majāz*, *iltifāt*, *tajāhul al-□ārif*, etc.). Al-Suyū□ī's *Itqān* will be the main text, however, selections from other manuals will be used such as those by al-Zarkashī, al-Zurqānī, and

Mu□ammad Bāqir al-□akīm. The seminar will be dedicated to reading the primary sources in Arabic as well as discussing the secondary literature and scholarship written on the relevant topics. Weekly response papers/reviews on the secondary scholarship are required, as well as weekly translations of the primary text.

Advanced knowledge of classical Arabic is required (AT LEAST four years of formal, academic training)

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Classical Arabic
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Arabic 249R

Arabic Philosophical Texts: Seminar (113215)

Khaled El-Rouayheb

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Readings on selected topics in Islamic philosophy.

Recommended Prep: **Three years of Arabic or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Arabic
FAS: Course Level	Primarily for Graduate Students
HCOL: Foreign Lang Citation	Modern Standard Arabic

Arabic 249R

Arabic Philosophical Texts: Seminar (113215)

Khaled El-Rouayheb

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Readings on selected topics in Islamic philosophy.

Recommended Prep: **Three years of Arabic or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Arabic
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
HCOL: Foreign Lang Citation	Modern Standard Arabic
FAS Divisional Distribution	Arts and Humanities

Arabic 300

Reading and Research in Arabic Language and Civilization (122472)

Khaled El-Rouayheb

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Arabic 300

Reading and Research in Arabic Language and Civilization (122472)

Khaled El-Rouayheb

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Arabic 300 Section: 002

Reading and Research in Arabic Language and Civilization (122472)

William A. Graham

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Arabic 300 Section: 003

Reading and Research in Arabic Language and Civilization (122472)

William Granara

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Arabic 300 Section: 004

Reading and Research in Arabic Language and Civilization (122472)

Baber Johansen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Arabic 300 Section: 006

Reading and Research in Arabic Language and Civilization (122472)

Roy Mottahedeh

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Arabic 320

Reading and Research in Modern Arabic Literature and Literary Criticism (116008)

William Granara

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Subject: Yiddish

Yiddish AA

Elementary Yiddish I (114058)

Sara Feldman

2019 Fall (4 Credits) **Schedule:** MTWRF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to Yiddish language, literature, and culture. In the course of the year, students will acquire a thorough grounding in Yiddish grammar and will develop strong foundational reading, writing, speaking, and comprehension skills. The course will introduce students to the 1000-year history of Yiddish culture in Eastern Europe, the United States, and around the world. Students will learn about the past and present of this culture through exposure to Yiddish literature, music, theater, film, radio, oral history, and the Yiddish internet—an introduction to the dynamic world of Yiddish culture and scholarship that exists today. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **For students with little or no knowledge of Yiddish. Additional sections at different times may be added as needed. Contact instructor if you have a scheduling conflict. Yiddish AA/AB is an indivisible year-long course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.**

Recommended Prep: **No prerequisites; knowledge of Yiddish not assumed.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Yiddish
Full Year Course	Indivisible Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Yiddish AB

Elementary Yiddish II (159871)

Sara Feldman

2020 Spring (4 Credits) **Schedule:** MTWRF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Yiddish AA. Introduction to Yiddish language, literature, and culture. In the course of the year, students will acquire a thorough grounding in Yiddish grammar and will develop strong foundational reading, writing, speaking, and comprehension skills. The course will introduce students to the 1000-year history of Yiddish culture in Eastern Europe, the United States, and around the world. Students will learn about the past and present of this culture through exposure to Yiddish literature, music, theater, film, radio, oral history, and the Yiddish internet—an introduction to the dynamic world of Yiddish culture and scholarship that exists today. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **For students with little or no knowledge of Yiddish. Additional sections at different times may be added as needed. Yiddish AA/AB is an indivisible year-long course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.**

Recommended Prep: **No prerequisites.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Yiddish
All: Cross Reg Availability	Not Available for Cross Registration
Course Search Attributes	Display Only in Course Search
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
Full Year Course	Indivisible Course

Yiddish BA

Intermediate Yiddish I (119874)

Sara Feldman

2019 Fall (4 Credits) **Schedule:** MTWRF 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Building on the skills gained in Yiddish AA/AB, students will further develop their Yiddish reading, writing,

speaking, and oral comprehension skills. Focus will be on working with a wide variety of textual and cultural materials spanning the Yiddish-speaking world in the modern era. Course materials include selections from Yiddish fiction, poetry, drama, film, music, the press, and historical documents. Students will become familiar with the language's dialects, writing conventions, and historical development. Course activities will introduce students to the latest developments in online Yiddish publishing and digital humanities scholarship.

Course Notes: **Additional sections at different times may be added as needed. Contact instructor if you have a scheduling conflict.**

Class Notes: **This class will meet in Semitic Museum Rm 304.**

Recommended Prep: **Yiddish AA/AB sequence, or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Yiddish
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Yiddish

Yiddish BB

Intermediate Yiddish II (119875)

Sara Feldman

2020 Spring (4 Credits) **Schedule:** TR 0300 PM - 0415 PM
M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Continuation of Yiddish BA. Students will further develop their Yiddish reading, writing, speaking, and oral comprehension skills. Focus will be on working with a wide variety of textual and cultural materials spanning the Yiddish-speaking world in the modern era. Course materials include selections from Yiddish fiction, poetry, drama, film, music, the press, and historical documents. Students will become familiar with the language's dialects, writing conventions, and historical development. Course activities will introduce students to the latest developments in online Yiddish publishing and digital humanities scholarship.

Recommended Prep: **Yiddish Ba or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Yiddish
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Yiddish
All: Cross Reg Availability	Available for Harvard Cross Registration

Yiddish CA

Advanced Yiddish I (123432)

Sara Feldman

2019 Fall (4 Credits) **Schedule:** MTWRF 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Building on the skills gained in Yiddish BA/BB, the emphasis of this course is on gaining ease in reading, speaking, writing, and listening comprehension. Students will be guided in exploring their individual areas of interest in Yiddish culture, and will be encouraged to begin producing their own research, creative projects, and translations; taking part in the latest developments in online Yiddish publishing and digital humanities scholarship. Continued exposure to a wide variety of textual and cultural materials, including literature, journalism, folklore, music, film, and theater; with a special focus on the diversity of Yiddish in terms of dialects, vocabulary, historical development, and writing conventions. Ample use of audiovisual and digital materials.

Course Notes: **Additional sections at different times may be added as needed. Contact instructor if you have a scheduling conflict.**

Class Notes: **This class will meet in Semitic Museum Rm 304.**

Recommended Prep: **Yiddish BB or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Yiddish
FAS: Meets Foreign Lang Req	Yiddish
FAS Course Roll	FAS Course Roll

Yiddish CB

Advanced Yiddish II (124883)

Sara Feldman

2020 Spring (4 Credits) **Schedule:** T 0430 PM - 0545 PM
R 0430 PM - 0545 PM
W 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Yiddish CA. The emphasis of this course is on gaining ease in reading, speaking, writing, and listening comprehension. Students will be guided in exploring their individual areas of interest in Yiddish culture, and will be encouraged to begin producing their own research, creative projects, and translations; taking part in the latest developments in online Yiddish publishing and digital humanities scholarship. Continued exposure to a wide variety of textual and cultural materials, including literature, journalism, folklore, music, film, and theater; with a special focus on the diversity of Yiddish in terms of dialects, vocabulary, historical development, and writing conventions. Ample use of audiovisual and digital materials.

Recommended Prep: **Yiddish CA or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll

FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Yiddish
FAS: Meets Foreign Lang Req	Yiddish

Yiddish 115

The Yiddish Short Story: Folk Tales, Monologues, and Post-Apocalyptic Parables (203377)

Saul Zaritt

2020 Spring (4 Credits) **Schedule:** W 0900 AM - 1100 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Who are the storytellers of Yiddish literature? Where did their stories come from? Why did the short story become the central genre of modern Jewish literary culture? This course explores the genealogy of the Yiddish short story from the hasidic folk tale to the modernist sketch, from the monologues of Sholem Aleichem and Isaac Bashevis Singer to the haunting narratives of David Bergelson and Der Nister. Stretching from the nineteenth century to the present, we follow the short story in its comparative contexts from Eastern Europe to Western Europe, Palestine/Israel, and the US.

Course Notes: **All texts will be taught in translation; optional reading section for those with Yiddish knowledge.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Yiddish 166

Jews, Humor, and the Politics of Laughter (214613)

Saul Zaritt

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

By mistake some thieves found their way into Hershele's house late at night while he was sleeping. They searched and searched but found nothing. Meanwhile, Hershele heard their rummaging and slowly crept up behind one of the thieves. He grabbed him by the arm and the thief, naturally, tried to run away. Hershele held him close, whispering, "Be still. Maybe together we'll actually find something." Beginning with jokes like this one, this course will examine the question of Jewish humor, exploring the concept of therapeutic joking, the politics of self-deprecation, and strategies of masking social critique behind a well-timed joke. Rather than reach some essential definition, we will instead investigate literature, stand-up comedy, film, and television of the twentieth and twenty-first century in order to 1) think together about the theory, mechanics, and techniques of comedy and humor and 2) ask how and when a text or performance gets labeled Jewish, by whom and for what purposes. Texts, films, and performers include: Freud, Kafka, Sholem Aleichem, the Marx Brothers, Belle Barth, Mel Brooks, Joan Rivers, Larry David, Sarah Silverman, Broad City, and Rachel Bloom.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

Yiddish 300

Yiddish Language and Literature (122512)

Saul Zaritt

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Yiddish 300

Yiddish Language and Literature (122512)

Saul Zaritt

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Subject: Turkish

Turkish AA

Elementary Modern Turkish I (111729)

Meryem Demir

2019 Fall (4 Credits) **Schedule:** MTWRF 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Emphasis on all aspects of Turkish grammar toward developing a solid foundation for speaking, listening, reading, writing, and vocabulary skills. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Not open to auditors. Cannot be taken pass/fail. Cannot divide for credit. Turkish AA/AB is an indivisible year-long course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
Full Year Course	Indivisible Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Turkish
All: Cross Reg Availability	Available for Harvard Cross Registration

Turkish AB

Elementary Modern Turkish II (159868)

Meryem Demir

2020 Spring (4 Credits) **Schedule:** MTWRF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Emphasis on all aspects of Turkish grammar toward developing a solid foundation for speaking, listening, reading, writing, and vocabulary skills. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Not open to auditors. Cannot be taken pass/fail. Cannot divide for credit. Turkish AA/AB is an indivisible year-long course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Indivisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
Course Search Attributes	Display Only in Course Search
FAS: Meets Foreign Lang Req	Turkish
FAS Course Roll	FAS Course Roll

Turkish 120A

Intermediate Modern Turkish I (113576)

Meryem Demir

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0115 PM
TWR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course begins the second year of Turkish which includes thorough review of the fundamentals of grammar and building a wider vocabulary. It emphasizes reading, writing, speaking and listening comprehension. Course introduces literary and cultural texts, and includes audio-visual material from the contemporary media.

Course Notes: **Not open to auditors.**

Recommended Prep: **Turkish A or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Turkish
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	Turkish
FAS: Course Level	For Undergraduate and Graduate Students

Turkish 120B

Intermediate Modern Turkish II (110700)

Meryem Demir

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0230 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Studies in argumentative and literary prose.

Course Notes: **Not open to auditors.**

Recommended Prep: **Turkish 120a or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Turkish
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Turkish

Turkish 130A

Advanced Turkish I (109281)

Meryem Demir

2019 Fall (4 Credits) **Schedule:** W 0600 PM - 0830 PM
F 1200 PM - 0115 PM
M 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Gaining and improving advanced language skills in Modern Turkish through reading, writing, listening, and speaking with special emphasis on the proper usage of vocabulary and idiomatic expressions.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Turkish
FAS: Meets Foreign Lang Req	Turkish
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Turkish 130B

Advanced Modern Turkish II (113853)

Himmet Taskomur

2020 Spring (4 Credits) **Schedule:** MW 0900 AM - 1100 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Studies in literary and idiomatic prose through readings, discussions, and writing of short analytical papers.

Course Notes: **Not open to auditors.**

Recommended Prep: **Turkish 130a or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Turkish
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Turkish

Turkish 140A

Introduction to Ottoman Turkish I (118284)

Himmet Taskomur

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1100 AM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Introduction to basic orthographic conventions and grammatical characteristics of Ottoman Turkish through readings in printed selections from the 19th and 20th centuries, and exercises on techniques.

Course Notes: **Not open to auditors.**

Recommended Prep: **Turkish A or equivalent; one year of Arabic or Persian desirable.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Turkish
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	For Undergraduate and Graduate Students

Turkish 140B

Introduction to Ottoman Turkish II (118285)

Himmet Taskomur

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1100 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Turkish 140a. Exercises on specialized orthographic conventions and grammatical characteristics of Ottoman Turkish through readings in printed selections from the 19th and 20th centuries.

Course Notes: **Not open to auditors.**

Recommended Prep: **Turkish 140a or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Turkish
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Turkish 150A

Advanced Ottoman Turkish I (126430)

Himmet Taskomur

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0200 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Advanced readings on early modern Ottoman Turkish: Ottoman History Writing in the Early Modern Era. The course introduces various writing of Ottoman History. Analysis of rhetorical usages as well as advanced syntax of Ottoman Turkish. This course is also an introduction to the Ottoman paleography and manuscript studies.

Course Notes: **Not open to auditors.**

Recommended Prep: **Turkish 140 or equivalent; one year of Arabic or Persian desirable.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Turkish
FAS Course Roll	FAS Course Roll

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Turkish 150B

Advanced Ottoman Turkish II (126431)

Himmet Taskomur

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Ottoman History Writing 1600-1850, Close reading of the selected texts from various genres, analysis of narrative strategies, rhetorical choices in writing history, with a view of how historical events were chosen and narrativized.

Course Notes: **Not open to auditors.**

Recommended Prep: **Turkish 140 or equivalent; one year of Arabic or Persian desirable.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Turkish

Turkish 300

Turkish Languages and Literatures (121963)

Himmet Taskomur

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Subject: Armenian

Armenian AA

Elementary Modern Armenian I (205906)

Lisa Gulesserian

2019 Fall (4 Credits) **Schedule:** MTWR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to Western Armenian language, literature, and culture. Over the course of one year, students will acquire a thorough grounding in Western Armenian grammar and will develop foundational reading, writing, speaking, and comprehension skills. Students will be introduced to centuries of culture produced by the global Armenian diaspora. Readings will include modern and classical Western Armenian literature, drama, film, music, radio, periodicals, and historical documents.

Topic: **Elementary Modern Armenian**

Course Notes: **Additional sections at different times may be added as needed. Contact instructor if you have a scheduling conflict. Armenian AA/AB is an indivisible year-long course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Armenian
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
Full Year Course	Indivisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Armenian AB

Elementary Modern Western Armenian II (205908)

Lisa Gulesserian

2020 Spring (4 Credits) **Schedule:** MTR 0300 PM - 0415 PM
W 0600 PM - 0715 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

A continuation of Armenian AA. Introduction to Western Armenian language, literature, and culture. Over the course of one year, students will acquire a thorough grounding in Western Armenian grammar and will develop foundational reading, writing, speaking, and listening skills. Students will be introduced to centuries of culture produced by the global Armenian diaspora. Readings will include modern and classical Western Armenian literature, drama, film, music, radio, periodicals, and historical documents.

Course Notes: **Additional sections at different times may be added as needed. Contact instructor if you have a scheduling conflict. Armenian BA/BB is an indivisible year-long course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.**

Recommended Prep: **Armenian AA/AB sequence, or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Armenian
FAS: Course Level	For Undergraduate and Graduate Students
Full Year Course	Indivisible Course
FAS Divisional Distribution	None

Course Search Attributes	Display Only in Course Search
FAS Course Roll	FAS Course Roll

Armenian BA

Intermediate Modern Armenian I (207657)

Lisa Gulesserian

2019 Fall (4 Credits) **Schedule:** MTWR 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Building on the skills gained in Armenian AA/AB, students will further develop their Western Armenian reading, writing, speaking, and listening skills. Course materials will include selections from Western Armenian literature, drama, film, music, radio, periodicals, and historical documents.

Course Notes: **Additional sections at different times may be added as needed. Contact instructor if you have a scheduling conflict. Armenian AA/AB is an indivisible year-long course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
Full Year Course	Indivisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Armenian
FAS Divisional Distribution	None
FAS: Course Level	For Undergraduate and Graduate Students

Armenian BB

Intermediate Modern Western Armenian II (207660)

Lisa Gulesserian

2020 Spring (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A continuation of Armenian BA. Building on the skills gained in Armenian AA/AB, students will further develop their Western Armenian reading, writing, speaking, and listening skills. Course materials will include selections from Western Armenian literature, drama, film, music, radio, periodicals, and historical documents.

Course Notes: **Additional sections at different times may be added as needed. Contact instructor if you have a scheduling conflict. Armenian BA/BB is an indivisible year-long course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.**

Recommended Prep: **Armenian AA/AB sequence, or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students

FAS: Meets Foreign Lang Req	Armenian
Full Year Course	Indivisible Course
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Armenian 164

Kindred Spirits: Ghosts in Ethnic American Literature (214593)

Lisa Gulesserian

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The horrors of the last two centuries have left us with a landscape populated by ghosts. Spirits appear in shadowy corners of the American imagination, haunting us with their imploring exhortations. In this course, we will commune with ghosts of different ethnic communities in America and learn about the unfinished businesses of the past. Our guides will be specters in literary texts from three different contexts: Armenian American, Asian American, and African American. Reading comparatively, we will see the kindred spirits in literary works featuring ghosts by Micheline Aharonian Marcom, Maxine Hong Kingston, Toni Morrison, and others. On our spiritual journey, we will explore questions such as "How does haunting mark a 'something-to-be-done' (per Avery Gordon)?" and "How might one 'console,' and not exorcise, a ghost (per Jean M. Langford)?". Because all works are English-language texts, no knowledge of Armenian is required.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Subject: Ancient Near East

Ancient Near East 106

Ancient Mesopotamian Literature: 2000 Years of Early Storytelling (211195)

Laura Hawkins

2020 Spring (4 Credits) **Schedule:** R 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will present an overview of literature from ancient Mesopotamia, the world's earliest civilization and the birthplace of the first writing system. We will be exploring themes of creation and origins, myths and epics, death and the afterlife, religion, lamentation, humor, and more, as a way to understand some of the fundamental aspects of Mesopotamian society. Comparative texts from other regions or time periods will be brought in to add richness and depth to our discussions. Class sessions are structured heavily around weekly readings and discussions. All texts will be read in translation so no knowledge of Akkadian or Sumerian is required.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students

Ancient Near East 120A

Introduction to the Hebrew Bible/Old Testament 1: Pentateuch and Former Prophets (118849)

Andrew Teeter

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A critical introduction to the literature and theology of the Hebrew Bible, considered in light of the historical contexts of its formation and the interpretive contexts of its reception within Judaism and Christianity. The course, the first part of a divisible, year-long sequence, will focus on the major biblical narrative traditions, the Pentateuch and Former Prophets.

Course Notes: **Offered jointly with the Divinity School as 1102.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Ancient Near East 120B

Introduction to the Hebrew Bible/Old Testament 2: Latter Prophets and Writings (126065)

Andrew Teeter

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

A critical introduction to the literature and theology of the Hebrew Bible, considered in light of the historical contexts of its formation and the interpretive contexts of its reception within Judaism and Christianity. The course, the second part of a divisible, year-long sequence, will focus on the Latter Prophets and the Writings.

Course Notes: **Offered jointly with the Divinity School as HDS 1103.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Ancient Near East 122

Biblical Interpretation (113798)

Richard Saley

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Topic for 2000$01: To be announced.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Ancient Near East 131

Readings in the Septuagint (112752)

Richard Saley

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0100 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Aims to increase facility with Septuagint Greek by reading representative prose portions of the Septuagint and studying the peculiarities of the grammar inductively. The fundamentals of Hellenistic Greek will be reviewed as necessary.

HDS4215

Course Notes: **Offered jointly with the Divinity School as 4215.**

Recommended Prep: **One year of Greek.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Greek
FAS Divisional Distribution	None

Ancient Near East 216

Approaches to Ancient Near Eastern Art (214581)

Ann Shafer

2020 Spring (4 Credits) **Schedule:** F 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This weekly seminar provides an overview of key monuments in ancient Near Eastern art, with a special emphasis on methodology. Although historically these artworks form the foundation of several academic

disciplines, their potential to enrich our understanding of the ancient world is still largely untapped. Questions of style, iconography, symbolic meaning, narrative, and image ontology will be explored, and students will be encouraged to look at iconic artworks in new ways. Beyond discussions of core readings in the field, hands-on sessions in museum storage will further enhance our perspective on favorite monuments of the ancient world.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Ancient Near East 301

Reading and Research in Ancient Near Eastern Studies (214505)

Richard Saley

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Ancient Near East 310

Reading and Research in Ancient Near Eastern Archaeology (138330)

Piotr Steinkeller

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Ancient Near East 320 Section: 002

Reading and Research in Ancient Mesopotamian Civilization (116590)

Piotr Steinkeller

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Ancient Near East 330

Reading and Research in Biblical Studies (110807)

Andrew Teeter

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Ancient Near East 330

Reading and Research in Biblical Studies (110807)

Jon Levenson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Ancient Near East 330 Section: 003

Reading and Research in Biblical Studies (110807)

Andrew Teeter

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Subject: Near Eastern Civilizations

Near Eastern Civilizations 91R

Supervised Reading and Research (110258)

Gojko Barjamovic

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Tutorial supervision of research in subjects not treated in regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Near Eastern Civilizations 91R

Supervised Reading and Research (110258)

Gojko Barjamovic

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Tutorial supervision of research in subjects not treated in regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

Near Eastern Civilizations 91R Section: 002

Supervised Reading and Research (110258)

Andrew Teeter

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Tutorial supervision of research in subjects not treated in regular courses.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Near Eastern Civilizations 91R Section: 002

Supervised Reading and Research (110258)

Peter Manuelian

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Tutorial supervision of research in subjects not treated in regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Near Eastern Civilizations 91R Section: 003

Supervised Reading and Research (110258)

Irit Aharony

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Tutorial supervision of research in subjects not treated in regular courses.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Near Eastern Civilizations 91R Section: 003

Supervised Reading and Research (110258)

Shaye Cohen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Tutorial supervision of research in subjects not treated in regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students

Near Eastern Civilizations 91R Section: 004

Supervised Reading and Research (110258)

Peter Manuelian

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Tutorial supervision of research in subjects not treated in regular courses.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Near Eastern Civilizations 91R Section: 004

Supervised Reading and Research (110258)

Andrew Teeter

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Tutorial supervision of research in subjects not treated in regular courses.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Near Eastern Civilizations 98A

Tutorial - Junior Year (111799)

Gojko Barjamovic

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

All NELC concentrators enroll in NEC 98A and B in the same academic year. Students should enroll in NEC 98A portion in the Fall and attend the class meetings during the fall semester. Should the need arise to finish the thesis in the spring, students will be enrolled automatically in NEC 98B. The tutorial can be completed by submitting the Junior Thesis either in the Fall or in the Spring. There are no class meetings during the spring.

Course Notes: **Designed for juniors concentrating in Near Eastern Languages and Civilizations. Taught by members of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Near Eastern Civilizations 98B

Tutorial - Junior Year (131539)

Gojko Barjamovic

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

All NELC concentrators enroll in NEC 98A and B in the same academic year. Students should enroll in NEC 98A portion in the Fall and attend the class meetings during the fall semester. Should the need arise to finish the thesis in the spring, students will be enrolled automatically in NEC 98B. The tutorial can be completed by submitting the Junior Thesis either in the Fall or in the Spring. There are no class meetings during the spring.

Course Notes: **Designed for juniors concentrating in Near Eastern Languages and Civilizations. Taught by members of the Department.**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Indivisible Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students

Near Eastern Civilizations 99A

Tutorial - Senior Year (118983)

Gojko Barjamovic

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

First part of a two part series. Students must complete both terms of this course (99A and 99B) within the same academic year in order to receive credit.

Course Notes: **Designed for seniors concentrating in Near Eastern Languages and Civilizations. Joint concentrators should enroll as advised by the NELC Director of Undergraduate Studies. Taught by members of the Department.**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Indivisible Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Near Eastern Civilizations 99B

Tutorial - Senior Year (159992)

Gojko Barjamovic

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Second part of a two part series. Students must complete both terms of this course (parts 99A and 99B) within the same academic year in order to receive credit.

Course Notes: **Designed for seniors concentrating in Near Eastern Languages and Civilizations. Joint concentrators should enroll as advised by the NELC Director of Undergraduate Studies. Taught by members of the Department.**

Additional Course Attributes:

Attribute	Value(s)
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
Full Year Course	Indivisible Course
FAS Divisional Distribution	Arts and Humanities

Near Eastern Civilizations 101

Historical Background to the Contemporary Middle East: Religion, Literature and Politics (110914)

Gojko Barjamovic

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

What defines the Middle East? What long-term historical and cultural developments can we trace in the region? How do these affect contemporary global order and policy? This team-taught course in the NELCdepartment will address these three fundamental questions of great present relevance by introducing students to the ancient and modern peoples, languages, cultures, and societies of Western Asia and North Africa. The study of this diverse region is uniquely aided by a deep-time perspective afforded by thousands of years of vibrant art, writing and cultural artefacts. Relying on the classic expertise integral to area studies, the course brings together faculty from a variety of disciplines – from history and archaeology to

literature and philology, and from sociology and economy to the political sciences – in a common endeavour to explore the rich cultural complex of the region through four key topics: history, religion, literature and politics.

Course Notes: **Formerly NEC 97r, this course satisfies the NELC Sophomore Tutorial requirements.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Near Eastern Civilizations 106

Poets, Kings, and Travellers: Encountering Alexander in the Medieval World (212866)

Justine Landau

Sean Gilsdorf

2019 Fall (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Organized around three archetypal characters—the poet, the king, and the traveller—this course offers a compelling and interdisciplinary introduction to the medieval world. Our guide on this journey is Alexander the Great, the historical and legendary figure celebrated across the medieval globe, from Asia to the Middle East to Europe and beyond. Alexander's rich and varied story, as told by his medieval admirers, will provide students with a road map for their own exploration of medieval cultures, societies, and economies, enriched by encounters with the manuscripts, images, and objects they left behind.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Near Eastern Civilizations 290

Direction of Master's Thesis (112819)

Shady Nasser

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Near Eastern Civilizations 299A

NELC Doctoral Colloquium: Research, Resources and Pedagogy (203473)

Justine Landau

2020 Spring (2 Credits) **Schedule:** T 0600 PM - 0715 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This practical colloquium addresses major issues of research and teaching competence. Designed to introduce G-1 students to the Ph.D. requirements, to methodological issues and examples of ongoing scholarship in NELC, it further offers opportunity for reflection on the art of teaching (leading discussion sections, designing syllabi, giving lectures, etc.). Questions covered will include: How to choose coursework? How to prepare for qualifying and general exams? What are the challenges of language training? How does one prepare and write a prospectus? How to use the library resources most efficiently? What type of investment does recourse to digital and quantitative methodology require? How best to prepare for professional life after the Ph.D., both inside and outside of academia? In addition, NELC faculty will informally present their respective fields (main issues and methods), in broad strokes through their current research, and advanced Ph.D. students will present their prospectus for discussion and feedback before submitting it to the faculty.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Near Eastern Civilizations 299B

NELC Doctoral Colloquium: Research, Resources and Pedagogy (204053)

Justine Landau

2019 Fall (2 Credits) **Schedule:** T 0600 PM - 0715 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This practical colloquium addresses major issues of research and teaching competence. Designed to introduce G-3 students to the Ph.D. requirements, to methodological issues and examples of ongoing scholarship in NELC, it further offers opportunity for reflection on the art of teaching (leading discussion sections, designing syllabi, giving lectures, etc.). Questions covered will include: How to choose coursework? How to prepare for qualifying and general exams? What are the challenges of language training? How does one prepare and write a prospectus? How to use the library resources most efficiently? What type of investment does recourse to digital and quantitative methodology require? How best to prepare for professional life after the Ph.D., both inside and outside of academia? In addition, NELC faculty will informally present their respective fields (main issues and methods), in broad strokes through their current research, and advanced Ph.D. students will present their prospectus for discussion and feedback

before submitting it to the faculty.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Near Eastern Civilizations 300

Direction of Master's Thesis (112840)

Malika Zeghal

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Near Eastern Civilizations 300

Direction of Master's Thesis (112840)

Ali Asani

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Near Eastern Civilizations 300 Section: 002

Direction of Master's Thesis (112840)

William Granara

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Near Eastern Civilizations 300 Section: 004

Direction of Master's Thesis (112840)

Richard Saley

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Near Eastern Civilizations 300 Section: 005

Direction of Master's Thesis (112840)

Peter Manuelian

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Near Eastern Civilizations 300 Section: 006

Direction of Master's Thesis (112840)

Cemal Kafadar

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Near Eastern Civilizations 300 Section: 007

Direction of Master's Thesis (112840)

Malika Zeghal

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Near Eastern Civilizations 310

Supervised Reading & Research (212622)

Irit Aharony

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Graduate course of reading and research in subjects not treated in regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Near Eastern Civilizations 360

Course-Related Work (211198)

2019 Fall (2 Credits) **Schedule:**

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None

FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Near Eastern Civilizations 360

Course-Related Work (211198)

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Near Eastern Civilizations 370

Teaching (211199)

2019 Fall (2 Credits) **Schedule:**

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Near Eastern Civilizations 370

Teaching (211199)

Malika Zeghal

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Near Eastern Civilizations 380

Research (211200)

Malika Zeghal

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Near Eastern Civilizations 380

Research (211200)

2019 Fall (2 Credits) **Schedule:**

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Near Eastern Civilizations 390

Direction of Doctoral Dissertations (112221)

Ali Asani

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Near Eastern Civilizations 390 Section: 002

Direction of Doctoral Dissertations (112221)

Shaye Cohen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Near Eastern Civilizations 390 Section: 003

Direction of Doctoral Dissertations (112221)

William A. Graham

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Near Eastern Civilizations 390 Section: 004

Direction of Doctoral Dissertations (112221)

William Granara

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Near Eastern Civilizations 390 Section: 005

Direction of Doctoral Dissertations (112221)

Jay Harris

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Near Eastern Civilizations 390 Section: 006

Direction of Doctoral Dissertations (112221)

Jon Levenson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Near Eastern Civilizations 390 Section: 007

Direction of Doctoral Dissertations (112221)

Peter Machinist

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Near Eastern Civilizations 390 Section: 008

Direction of Doctoral Dissertations (112221)

Peter Manuelian

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Near Eastern Civilizations 390 Section: 010

Direction of Doctoral Dissertations (112221)

Prods Oktor Skjaervo

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Near Eastern Civilizations 390 Section: 011

Direction of Doctoral Dissertations (112221)

Malika Zeghal

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Near Eastern Civilizations 390 Section: 011

Direction of Doctoral Dissertations (112221)

Piotr Steinkeller

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Near Eastern Civilizations 390 Section: 012

Direction of Doctoral Dissertations (112221)

Malika Zeghal

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Near Eastern Civilizations 390 Section: 013

Direction of Doctoral Dissertations (112221)

Khaled El-Rouayheb

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Subject: Hebrew

Hebrew 131

The Jewish Library: Four Jewish Classics (214616)

David Stern

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Judaism is a famously text-centric religious culture, founded not only on a single book, the Hebrew Bible, but profoundly involved in the study and ritual use of other classic texts like the Babylonian Talmud, the Prayerbook, Biblical commentaries like that of Rashi, and the Passover Haggadah. This course will study the development of these four books and their transformation from texts into books with distinct physical and material features. In the case of each book, the text will be studied historically-- "excavated" for its sources and roots, and its subsequent development over the centuries—and holistically, as a canonical document in Jewish tradition. Class time will be devoted primarily to learning to read the primary sources in translation; supplementary secondary readings will provide historical and cultural context The seminar will also include regular visits to Houghton Library to look at manuscripts, early printed editions, and facsimiles of these books in order to study the changing shapes these books have taken as a key to understanding how they were studied and used, and to consider the relationship of materiality to textuality. While each book will raise its own set of issues, we will repeatedly deal with three basic questions: What makes a "Jewish" text? How do these books represent different aspects of Jewish identity? What can these books tell us about the canonical books of other religious traditions?No previous background in either Judaism or Jewish history is required. All readings in English translation. While this course is not a formal introduction to Judaism, it does aim to introduce students to Judaism and Jewish culture from inside its classic texts.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Hebrew 167

Prayer and Prayerbook (Tefillah and Siddur) (214617)

David Stern

2020 Spring (4 Credits) **Schedule:** T 1245 PM - 0330 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The institution of organized prayer—Tefillah be-Tzibbur—is one of the most complex phenomena in Judaism because it has served historically not only as a medium for worshipping God but also for expressing communal religious identity. In the first half of this course, we will study the development of prayer from the Bible until the medieval period through reading primary sources--select passages from the Bible, Talmud and midrash, Geonic literature and other rabbinic texts—as well as secondary works for historical and literary background. We will also trace the development of piyyut, Hebrew liturgical poetry, and what it can tell us about the character of Jewish prayer. In the second part of the course, we will study the history of the prayerbook as a physical, material object from the early medieval period into the modern. Special attention will be paid to the great illustrated Ashkenazi and Italian mahzorim (holiday prayerbooks) and siddurim, and to the place of the visual imagination in Jewish religious culture. One class will also be devoted to the development of the synagogue and sacred space. The course will also include visits to Houghton Library to view original editions and rare facsimiles of manuscripts.
While the class itself will be conducted in English, all primary sources will be read in Hebrew. Students should be able to read unpointed Hebrew texts.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Hebrew 300

Classical Hebrew Language and Literature (122493)

David Stern

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Hebrew 300

Classical Hebrew Language and Literature (122493)

Jon Levenson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Hebrew 350

Hebrew Language and Literature (113900)

David Stern

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Hebrew 350

Hebrew Language and Literature (113900)

Jay Harris

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Hebrew 350 Section: 002

Hebrew Language and Literature (113900)

Jon Levenson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Subject: Akkadian

Akkadian AA

Introductory Akkadian I (114320)

Gojko Barjamovic

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to the Semitic language of Akkadian, primarily through the Old Babylonian dialect and cuneiform writing system as used during the time of Hammurabi (c. 1750 BCE). Students learn the fundamentals of grammar and the writing system, as well as the most common cuneiform signs in official and cursive script. Readings span a variety of genres, including private letters, judicial documents, literary and religious texts, divinatory compendia, legal code, and royal inscriptions. The course also briefly introduces students to examples of texts from other periods and dialects of the Akkadian language for cultural and comparative purposes. Students must complete both terms of this course (parts A and B)

within the same academic year in order to receive credit.

Course Notes: **Akkadian AA/AB is an indivisible year-long course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Indivisible Course
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Akkadian
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Akkadian AB

Introductory Akkadian II (159801)

Gojko Barjamovic

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An introduction to the Semitic language of Akkadian, primarily through the Old Babylonian dialect and cuneiform writing system as used during the time of Hammurabi (c. 1750 BCE). Students learn the fundamentals of grammar and the writing system, as well as the most common cuneiform signs in official and cursive script. Readings span a variety of genres, including private letters, judicial documents, literary and religious texts, divinatory compendia, legal code, and royal inscriptions. The course also briefly introduces students to examples of texts from other periods and dialects of the Akkadian language for cultural and comparative purposes. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Akkadian AA/AB is an indivisible year-long course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
Full Year Course	Indivisible Course
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Search Attributes	Display Only in Course Search

Akkadian 141R

Akkadian Myths and Epics (120043)

Laura Hawkins

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

In this course we will read the Akkadian text of Enuma Elish, usually called the Babylonian Creation Epic. The main focus of the course will be a careful reading and analysis of the text and its structure. A special attention will be also given to its reception in the first millennium.

Class Notes: **This class will meet in Semitic Museum Rm 202.**

Recommended Prep: **AKKAD AA or equivalent**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Akkadian
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students

Akkadian 147

Wisdom Literature (123500)

Peter Machinist

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A close reading in Akkadian of several of the major texts on wisdom, like the Ludlul bel nemeqi and the Dialogue on Pessimism, in the context of a broader discussion of wisdom and scholarly literature in Mesopotamia and elsewhere in the ancient Near East, including the Hebrew Bible.

Recommended Prep: **One year of Akkadian**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

Akkadian 153

Old Akkadian (123459)

Piotr Steinkeller

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Readings in representative historical, epistolary, literary, and economic texts with emphasis on the grammar.

Recommended Prep: **Akkadian grammar, basic vocabulary, knowledge of cuneiform script.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Akkadian
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Akkadian 157

Introduction to Old Assyrian Language and History (110013)

Gojko Barjamovic

2020 Spring (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The course provides an overview of the Old Assyrian dialect of the Akkadian language as well as the political, social and economic history of Northern Mesopotamia and Anatolia in the early 2nd millennium BC. We read texts from a wide variety of genres, including private and state letters, legal and administrative records, loans and quittances, caravan texts, commercial records, partnership contracts, family and state law, political treaties, literature, magic, religion, and royal inscriptions. The course integrates the textual record with an overview of Assyrian and Central Anatolian history, visual and material culture during the period in question. The goal of the course is to deepen your understanding of both the Old Assyrian language and its historical context. Course readings combine standard introductions, thematic and core studies in the field.

Class Notes: **This class will be held primarily in the Harvard Semitic Museum.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Akkadian
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Akkadian 159

Middle Babylonian Language and History (211067)

Gojko Barjamovic

2020 Spring (4 Credits) **Schedule:** T 0130 PM - 0430 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The course provides a broad overview of the Middle Babylonian dialect and script of the Akkadian language, as well as the political and social history of Southern Mesopotamia in the second half of the 2nd millennium BC that those texts relate to. We read from a wide variety of genres, including private and state letters, laws, legal and administrative records, literature, historiography science, magic, religion, and royal and display inscriptions. The goal of the course is to deepen your understanding of both the Babylonian language of the Late Bronze Age and its historical context. Course readings combine standard introductions, thematic and core studies in the field. We make full use of relevant inventory in the HSM collection. During the semester, three guests who specialize in the period will join us to lecture us to their

work.

Class Notes: **This course will be held primarily in the Harvard Semitic Museum.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Akkadian 300

Akkadian Language and Literature (111348)

Gojko Barjamovic

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Akkadian

Akkadian 300 Section: 002

Akkadian Language and Literature (111348)

Piotr Steinkeller

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Akkadian
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Subject: Modern Hebrew

Modern Hebrew BA

Elementary Modern Hebrew I (114218)

Irit Aharony

2019 Fall (4 Credits)

Schedule: F 0900 AM - 1015 AM
MTWR 0900 AM - 1015 AM

Instructor Permissions: None

Enrollment Cap: n/a

The course introduces students to the phonology and script as well as the fundamentals of morphology and syntax of Modern Hebrew. Emphasis is placed on developing reading, speaking, comprehension and writing skills, while introducing students to various aspects of contemporary Israeli society and culture. This is an indivisible course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Offered jointly with the Divinity School as 4015A. Not open to auditors. Cannot be taken pass/fail. Modern Hebrew BA/BB is an indivisible year-long course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit. In specific cases the instructor will consider approval of enrollment in MOD-HEB BB and MOD-HEB 120A as fulfillment of the one-year language requirement, depending on the student's proficiency level.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
Full Year Course	Indivisible Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Hebrew

Modern Hebrew BB

Elementary Modern Hebrew II (159988)

Irit Aharony

2020 Spring (4 Credits)

Schedule: F 0900 AM - 1000 AM
MTWR 0900 AM - 1000 AM

Instructor Permissions: None

Enrollment Cap: n/a

The course introduces students to the phonology and script as well as the fundamentals of morphology and syntax of Modern Hebrew. Emphasis is placed on developing reading, speaking, comprehension and writing skills, while introducing students to various aspects of contemporary Israeli society and culture. This is an indivisible course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Offered jointly with the Divinity School as HDS 4015B. Not open to auditors. Cannot be taken pass/fail. This is an indivisible course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit. In specific cases the instructor will consider approval of enrollment in MOD-HEB**

BB and MOD-HEB 120A as fulfillment of the one-year language requirement, depending on the student's proficiency level.

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Indivisible Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Search Attributes	Display Only in Course Search
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Hebrew
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam

Modern Hebrew 120A

Intermediate Modern Hebrew I (110947)

Irit Aharony

2019 Fall (4 Credits)

Schedule: F 1030 AM - 1145 AM
MTWR 1030 AM - 1145 AM

Instructor Permissions: None

Enrollment Cap: n/a

The course reinforces and expands knowledge of linguistic and grammatical structures, with emphasis on further developing the four skills. Readings include selections from contemporary Israeli literature, print media, and internet publications. Readings and class discussions cover various facets of Israeli high and popular culture. Conducted primarily in Hebrew. Offered jointly with the Divinity School as 4040. Modern Hebrew B or passing of special departmental placement test.

Course Notes: **Conducted primarily in Hebrew. Offered jointly with the Divinity School as 4040. Not open to auditors.**

Recommended Prep: **Modern Hebrew BA/BB sequence or passing of special departmental placement test.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Hebrew
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	Modern Hebrew

Modern Hebrew 120B

Intermediate Modern Hebrew II (111756)

Irit Aharony

2020 Spring (4 Credits)

Schedule: F 1030 AM - 1130 AM
MTWR 1030 AM - 1130 AM

Instructor Permissions: None

Enrollment Cap: n/a

Continuation of Hebrew 120a.

Course Notes: **Conducted primarily in Hebrew. Offered jointly with the Divinity School as 4041. Not open to auditors.**

Recommended Prep: **Modern Hebrew 120a.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Modern Hebrew
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Hebrew

Modern Hebrew 130A

Advanced Modern Hebrew I (119630)

Irit Aharony

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course constitutes the third year of the Modern Hebrew language sequence. The course emphasizes the development of advanced proficiency in all skills. Readings include texts of linguistic and cultural complexity that cover contemporary Israeli literature and culture.

Course Notes: **Conducted in Hebrew. Not open to auditors. Offered jointly with the Divinity School as 4042.**

Recommended Prep: **Modern Hebrew 120A/120B sequence, or equivalent level of proficiency.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Modern Hebrew
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Hebrew
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Modern Hebrew 130B

Advanced Modern Hebrew II (126531)

Irit Aharony

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0130 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course is a continuation of Hebrew 130a. Texts, films, and other materials expose students to the

richness and complexity of the contemporary sociolinguistics of Israeli society.

Course Notes: **Conducted in Hebrew. Not open to auditors. Offered jointly with the Divinity School as 4043.**

Recommended Prep: **Modern Hebrew 130a, or equivalent level of proficiency.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Modern Hebrew
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Hebrew
FAS Course Roll	FAS Course Roll

Modern Hebrew 241R

Advanced Seminar in Modern Hebrew: Israeli Culture: Cinema & Literature (127670)

Irit Aharony

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course constitutes the final level of Modern Hebrew language studies. The course offers representative readings and screenings from contemporary Israeli literature and cinema, and it forms bases of discussion on major cultural and linguistic themes through academic readings.

Course Notes: **Offered jointly with the Divinity School as 4045. Not open to auditors. Discussions, papers, movies and texts presented only in Hebrew.**

Recommended Prep: **Modern Hebrew 130b or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Modern Hebrew
FAS: Meets Foreign Lang Req	Hebrew
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Subject: Egyptian

Egyptian AA

The Language of the Pharaohs: Introduction to Egyptian Hieroglyphs I (126691)

Peter Manuelian

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This language course explores the fundamentals of Middle Egyptian, the classical stage of Egyptian hieroglyphs used throughout much of ancient Egyptian history. Lessons in the Egyptian writing system, grammar, and culture, with weekly vocabulary and exercises, will introduce the language and verbal system in a systematic fashion. By the end of the semester, students may begin to read selections from Egyptian classic stories and historical texts. Visits to the Semitic Museum and the Museum of Fine Arts, Boston, in order to read ancient hieroglyphic inscriptions on the original monuments, may also be included.

Course Notes: **Continues as Egyptian Ab. Offered jointly with the Divinity School as 4120.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Meets Foreign Lang Req	Egyptian
FAS Divisional Distribution	None

Egyptian AB

The Language of the Pharaohs: Introduction to Egyptian Hieroglyphs II (126692)

Peter Manuelian

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Continues Middle Egyptian I. Students will complete the introductory grammar book lessons, and move on to read a selection of basic stories, historical and biographical inscriptions, in the original hieroglyphs. Visits to the Egyptian galleries of the Museum of Fine Arts, Boston, in order to read some of the ancient hieroglyphic inscriptions on the original monuments, may also be included.

Course Notes: **Offered jointly with the Divinity School as 4121.**

Recommended Prep: **Egyptian Aa, Middle Egyptian I or consent of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Egyptian
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students

Egyptian 150

Voices from the Nile: Ancient Egyptian Literature in Translation (127917)

Peter Manuelian

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Examines several literary genres, from the Pyramid Age through at least the New Kingdom (ca. 2500-1000 BCE), including royal decrees, autobiographies, the Pyramid Texts, legal documents, letters to the living (and dead), love stories and poetry, military texts, religious rituals, and tomb robber court trial transcripts. Special emphasis on classical tales of the Middle Kingdom ("The Shipwrecked Sailor," "The Story of Sinuhe," etc.). Lectures, class discussion; no prerequisites.

Course Notes: **Enrollment limited to 20. Offered jointly with the Divinity School as 2131.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Egyptian 200

Egyptian Text Reading (160234)

Peter Manuelian

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 5

Graduate level course in the reading of primary Egyptian texts. This semester features readings in Middle Egyptian historical texts.

Course Notes: **Undergraduates may enroll only by permission of the instructor.**

Recommended Prep: **Middle Egyptian.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Egyptian 200

Egyptian Text Reading (160234)

Peter Manuelian

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 5

Graduate level course in the reading of primary Egyptian texts. This semester features readings in Middle Egyptian historical texts.

Course Notes: **Undergraduates may enroll only by permission of the instructor.**

Recommended Prep: **Middle Egyptian.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Egyptian 300

Egyptian Text-Reading (205970)

Peter Manuelian

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

This focuses on diverse topics in Egyptology, from text-reading to individual research projects. The topics may change from year to year, and students may take several iterations of the same course. Students meet with the instructor on a regular basis, and either read texts throughout the semester, or produce a final project or paper at the end of the course.

Course Notes: **Reading course**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Arts and Humanities

Subject: Sumerian

Sumerian 141

Sumerian Myths and Epics (113378)

Piotr Steinkeller

2019 Fall (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

The class will study a selection of Sumerian mythological and epic sources, among them: "Enki and the World Order," "Gilgamesh and Akka," and "En-merkar and En-suhkeshdana." The knowledge of Elementary Sumerian is required.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Sumerian 241

Sumerian Economic Documents: Seminar (111442)

Piotr Steinkeller

2019 Fall (4 Credits) **Schedule:** R 0900 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

The economic and social milieu of the Ur III period in Mesopotamia examined through analysis of primary documents. Texts of various economic categories read and considered as sources for historical reconstruction and interpretation.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities

Sumerian 300

Sumerian Language and Literature (122713)

Piotr Steinkeller

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Subject: Syriac

Syriac BA

Intermediate Syriac I (213622)

Ute Possekel

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1129 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Readings in classical Syriac prose and poetry. Emphasis on expanding knowledge of grammar and vocabulary, and reading unpointed Syriac. Texts include the Odes of Solomon, Bardaisan, Ephrem, Timothy I, and literature pertaining to the School of Nisibis. Introduction to the study of Syriac manuscripts. Prerequisite: Elementary Syriac or permission of instructor.

Class Notes: **HDS 4103**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

Syriac BB

Intermediate Syriac II (214623)

Ute Possekel

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1129 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Readings in classical Syriac prose and poetry. Emphasis on developing skills in grammar, vocabulary, and reading unpointed Syriac. Texts to be read include Aphrahat, the *Life of Mar Aba*, a sixth-century pastoral letter on christology, and East Syriac biblical commentary. Introduction to the study of Syriac manuscripts. Prerequisite: Elementary Syriac or permission of instructor.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Syriac 130A

Advanced Syriac (213626)

Charles Stang

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

A close reading of select texts in Syriac, working from both critical editions and manuscripts. The selection of texts will be done in consultation with students.

Prerequisites: Three semesters of Syriac or permission of instructor. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

HDS 4105A

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
Full Year Course	Indivisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Syriac 130B

Advanced Syriac (214618)

Charles Stang

2020 Spring (2 Credits) **Schedule:** F 1200 PM - 0259 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A close reading of select texts in Syriac, working from both critical editions and manuscripts. The selection of texts will be done in consultation with students.

Prerequisites: Three semesters of Syriac or permission of instructor. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Search Attributes	Display Only in Course Search
Full Year Course	Indivisible Course
FAS Course Roll	FAS Course Roll

Subject: Classical Hebrew

Classical Hebrew AA

Elementary Classical Hebrew I (123023)

Andrew Teeter

2019 Fall (4 Credits) **Schedule:** MWF 0900 AM - 0959 AM

Instructor Permissions: None **Enrollment Cap:** n/a

A thorough and rigorous introduction to Biblical Hebrew, with emphasis on grammar in the first term, and translation of biblical prose in the second. Daily preparation and active class participation mandatory. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Offered jointly with the Divinity School as 4010A.**

Classical Hebrew AA/AB is an indivisible year-long course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Hebrew
FAS: Course Level	For Undergraduate and Graduate Students
Full Year Course	Indivisible Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Classical Hebrew AB

Elementary Classical Hebrew II (159881)

Andrew Teeter

2020 Spring (4 Credits) **Schedule:** MWF 0900 AM - 0959 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Classical Hebrew AA. A thorough and rigorous introduction to Biblical Hebrew, with emphasis on grammar in the first term, and translation of biblical prose in the second. Daily preparation and active class participation mandatory. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Offered jointly with the Divinity School as 4010B.**

Classical Hebrew AA/AB is an indivisible year-long course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
Full Year Course	Indivisible Course
Course Search Attributes	Display Only in Course Search
FAS: Meets Foreign Lang Req	Hebrew
All: Cross Reg Availability	Available for Harvard Cross Registration

Classical Hebrew 120A

Intermediate Classical Hebrew I (116431)

Andrew Teeter

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1129 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Readings in prose books; review of grammar.

Course Notes: **Offered jointly with the Divinity School as 4020.**

Recommended Prep: **Classical Hebrew AA/AB sequence or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Classical Hebrew
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Hebrew

Classical Hebrew 120B

Intermediate Classical Hebrew II (123873)

Andrew Teeter

2020 Spring (4 Credits) **Schedule:** MWF 1000 AM - 1059 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Readings in prose and poetic books; review of grammar. Prerequisite: Classical Hebrew 120a or the equivalent. Jointly offered as HDS 4021.

Course Notes: **Offered jointly with the Divinity School as 4021.**

Recommended Prep: **Classical Hebrew 120a or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
HCOL: Foreign Lang Citation	Classical Hebrew
FAS: Meets Foreign Lang Req	Hebrew

Classical Hebrew 130AR

Rapid Reading Classical Hebrew I (122692)

Andrew Teeter

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0159 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Advanced reading in selected biblical prose texts and intensive review of the grammar of Biblical Hebrew.

Course Notes: **Offered jointly with the Divinity School as 1625.**

Recommended Prep: **Classical Hebrew AA/AB sequence, CH 120a, and 120b, or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Hebrew
HCOL: Foreign Lang Citation	Classical Hebrew
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Classical Hebrew 130BR

Rapid Reading Classical Hebrew II (122693)

Andrew Teeter

2020 Spring (4 Credits) **Schedule:** R 1200 PM - 0159 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Advanced reading in selected biblical poetic texts and intensive review of the grammar of Biblical Hebrew.

Recommended Prep: **Classical Hebrew 130a or equivalent. Offered jointly with the Divinity School as 1626.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Classical Hebrew
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Hebrew

Subject: Jewish Studies

Jewish Studies 91R

Supervised Reading and Research (211397)

David Stern

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Tutorial supervision of research in subjects not treated in regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Jewish Studies 155

Covenant, Conversion, and Intermarriage (213337)

Shaye Cohen

2019 Fall (4 Credits) **Schedule:** W 0900 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

The theme of this course is the boundary between Jews and gentiles in antiquity. We examine some Jewish conceptions of the self (who or what is Israel?), instances of conversion to Judaism (proselytes), conversion from Judaism (apostasy), marriage between Jews and non-Jews, and the offspring of intermarriage. Readings from: the Tanakh, the apocrypha, Qumran scrolls, New Testament, Josephus, and rabbinic literature. All readings done in translation. Final research paper.

The course is open for credit for undergraduates and graduates.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Jewish Studies 160

BERLIN: GERMAN CAPITAL, JEWISH CENTER (213605)

Rachel Seelig

2019 Fall (4 Credits) **Schedule:** T 0900 AM - 1100 AM

Instructor Permissions: None **Enrollment Cap:** n/a

When the Nazis took power in Germany in 1933, they vilified Berlin as a haven for "rootless cosmopolitans," a catchall for immigrants, communists, and Jews. What made the German capital seem so Jewish? Who were Berlin's Jews, where did they come from, and how did they contribute to the city's cosmopolitan identity? In this course, we will look at the rise of Berlin as a major hub of German-Jewish, Hebrew and Yiddish culture during the late nineteenth and early twentieth centuries, the decline of Jewish culture under the Nazi Regime, and its revival since German reunification in 1990. Now that Berlin is home to many Jews from the former Soviet Union and Israel, has the dynamic Jewish culture of the early twentieth century reemerged? To what extent do the threats that once faced Berlin's Jewish population persist today? We will examine a wide range literary texts translated from German, Hebrew and Yiddish alongside visual art and film.

Course Notes: **Course instructor - Prof. Rachel Seelig**

Class Notes: **Instructor- Prof. Rachel Seelig**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Jewish Studies 300

Reading and Research in Jewish Studies (110821)

Shaye Cohen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Jewish Studies 300

Reading and Research in Jewish Studies (110821)

Shaye Cohen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Jewish Studies 300 Section: 002

Reading and Research in Jewish Studies (110821)

Jay Harris

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Subject: Semitic Philology

Semitic Philology 300

Semitic and Afroasiatic Languages and Literatures (131485)

Jay Harris

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Neuroscience

Subject: Neuroscience - Undergraduate

Neuroscience - Undergraduate 57

Animal Behavior (207534)

Bence Olveczky

Naomi Pierce

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

A review of the behavior of animals under natural conditions, with emphasis on both mechanistic and evolutionary approaches. Topics include classical ethology; behavioral endocrinology; behavioral genetics; learning and memory; communication; orientation, migration and biological rhythms; optimal foraging; evolutionary stable strategies; sexual selection; parental investment and mating systems; selfishness, altruism, and reciprocity; and sociality in vertebrates and invertebrates.

Class Notes: **Neuro 57 is also offered as OEB 57. Students may not enroll in both.**

Requirements: **Anti-Requisite: Cannot be taken for credit if OEB 57 already complete.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Undergraduate Students

Neuroscience - Undergraduate 80

Neurobiology of Behavior (207476)

Venkatesh Murthy

Kathleen Quast

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to the ways in which the brain controls mental activities. The course covers the cells and signals that process and transmit information, and the ways in which neurons form circuits that change with experience. Topics include the neurobiology of perception, learning, memory, language, emotion, and mental illness. This year we are changing the way in which this material is taught by emphasizing more student participation through active learning techniques and by providing real-world experiences and hands-on demonstrations each week.

Course Notes: **This course, when taken for a letter grade, meets the General Education requirement for Science of Living Systems. The course is open to students with little formal training in biology.**

This course cannot be taken if MCB 80 has already been taken. Neuro

80 cannot be taken concurrently with MCB 80.

Class Notes: **First Meeting: Wednesday, September 4th from 10:30-11:45 AM in the Geological Museum Lecture Hall (Room 100)**

Second Meeting: Friday, September 6th from 10:30-11:45 AM in the NWL Atrium (Basement)

Requirements: **Anti-Req: Cannot be taken for credit if MCB 80 already complete.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students

Neuroscience - Undergraduate 91

Laboratory Research (122846)

Ryan W. Draft

Laura M. Magnotti

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course is taken to obtain credit for independent laboratory research during the 6th, 7th, or 8th semester. Research work should be directed by a member of the Neuroscience Standing Committee or an appropriate Harvard affiliated faculty member in another department or institution. All students must submit registration materials for Neuro 91 at the time of enrollment. See the Neuroscience website for details.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Neuroscience - Undergraduate 91

Laboratory Research (122846)

Ryan W. Draft

Laura M. Magnotti

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course is taken to obtain credit for independent laboratory research during the 6th, 7th, or 8th semester. Research work should be directed by a member of the Neuroscience Standing Committee or an appropriate Harvard affiliated faculty member in another department or institution. All students must submit registration materials for Neuro 91 at the time of enrollment. See the Neuroscience website for details.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Neuroscience - Undergraduate 99

Honors Thesis Research (122847)

Ryan W. Draft

Laura M. Magnotti

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For honors candidates writing a thesis in Neuroscience. This course is ordinarily taken in the last semester of enrollment. The Standing Committee must approve a thesis proposal prior to enrolling in Neuro 99. See the Neuroscience website for details.

Course Notes: **Laboratory safety session required.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Neuroscience - Undergraduate 99

Honors Thesis Research (122847)

Ryan W. Draft

Laura M. Magnotti

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For honors candidates writing a thesis in Neuroscience. This course is ordinarily taken in the last semester of enrollment. The Standing Committee must approve a thesis proposal prior to enrolling in Neuro 99. See the Neuroscience website for details.

Course Notes: **Laboratory safety session required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Neuroscience - Undergraduate 101FA

Neurobiology of Learning and Memory (203851)

2019 Fall (2 Credits) **Schedule:** T 0600 PM - 0715 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Learning and memory are dynamic processes of the brain that allow us to both interact with and interpret our environment. This course will explore the mechanistic basis of neuronal plasticity through a series of lectures and group discussions. In addition to exploring topics covering both synaptic and non-synaptic plasticity, students will gain experience critically evaluating original research articles.

Requirements: **Prerequisite: (LPS A OR LS 1A) AND (MCB 80 OR MCB 81)**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
Full Year Course	Indivisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Neuroscience - Undergraduate 101FB

Neurobiology of Learning and Memory (203852)

2020 Spring (2 Credits) **Schedule:** T 0600 PM - 0715 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Learning and memory are dynamic processes of the brain that allow us to both interact with and interpret our environment. This course will explore the mechanistic basis of neuronal plasticity through a series of lectures and group discussions. In addition to exploring topics covering both synaptic and non-synaptic plasticity, students will gain experience critically evaluating original research articles.

Requirements: **Prerequisite: (LPS A OR LS 1A) AND (MCB 80 OR MCB 81)**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Search Attributes	Display Only in Course Search
Full Year Course	Indivisible Course
FAS Divisional Distribution	Science & Engineering & Applied Science

Neuroscience - Undergraduate 101GA

Sex and the Brain (205099)

2019 Fall (2 Credits) **Schedule:** W 0600 PM - 0715 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Animals exhibit many innate, sex-specific behaviors that provide useful models to study the underlying neural circuits, and sex differences in the nervous system also have important implications for human health. Through discussions, activities, and lectures, this course introduces students to various aspects of sexually dimorphic neural circuits across model organisms, while emphasizing critical thinking and effective science communication.

Requirements: **Prerequisite: (LPS A OR LS 1A) AND (MCB 80 OR MCB 81)**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Indivisible Course
FAS: Course Level	For Undergraduate and Graduate Students

Neuroscience - Undergraduate 101GB

Sex and the Brain (205101)

2020 Spring (2 Credits) **Schedule:** W 0600 PM - 0715 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Animals exhibit many innate, sex-specific behaviors that provide useful models to study the underlying neural circuits, and sex differences in the nervous system also have important implications for human health. Through discussions, activities, and lectures, this course introduces students to various aspects of sexually dimorphic neural circuits across model organisms, while emphasizing critical thinking and effective science communication.

Requirements: **Prerequisite: (LPS A OR LS 1A) AND (MCB 80 OR MCB 81)**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
Full Year Course	Indivisible Course
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Neuroscience - Undergraduate 101JA

Maps of the Brain - How the Brain Organizes the World (207610)

2019 Fall (2 Credits) **Schedule:** W 0430 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Neurons close to each other in the brain often get activated by parts of the world that are also close to each other: connected body parts, similar sounds, words with related meaning. This organized pattern of activity gives rise to brain maps of our surroundings. In this course, we will explore how the brain creates, uses, and updates such maps to make sense of the world around us.

Each week, we will take a look at neuronal circuits in different parts of the brain (eg, somatosensory cortex, olfactory system, hippocampus) to see how scientists discover new neuronal maps, how these maps function and develop, and how they evolve with experience.

Requirements: **Prerequisite: (LIFESCI 1A OR LPS A) AND (MCB 80 OR NEURO 80)**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Indivisible Course
FAS Divisional Distribution	Science & Engineering & Applied Science

Neuroscience - Undergraduate 101JB

Maps of the Brain - How the Brain Organizes the World (207611)

2020 Spring (2 Credits) **Schedule:** W 0430 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Neurons close to each other in the brain often get activated by parts of the world that are also close to each other: connected body parts, similar sounds, words with related meaning. This organized pattern of activity gives rise to brain maps of our surroundings. In this course, we will explore how the brain creates, uses, and updates such maps to make sense of the world around us.

Each week, we will take a look at neuronal circuits in different parts of the brain (eg, somatosensory cortex, olfactory system, hippocampus) to see how scientists discover new neuronal maps, how these maps function and develop, and how they evolve with experience.

Requirements: **Prerequisite: (LIFESCI 1A OR LPS A) AND (MCB 80 OR NEURO 80)**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Indivisible Course
Course Search Attributes	Display Only in Course Search
FAS Divisional Distribution	Science & Engineering & Applied Science

Neuroscience - Undergraduate 101KA

The Musical Brain – How the Brain Processes Sound and Creates Music (207612)

2019 Fall (2 Credits) **Schedule:** R 0600 PM - 0715 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This tutorial will explore the neural circuits underlying music processing, from the basics of frequency tuning to the complexities of synesthesia. To understand the perception of sound and music at the circuit level, we will use examples from animal models, exploring how these animals succeed or fail at capturing the complexities of music. Because music is an auditory, motor, and cognitive phenomenon, we will also cover these systems with examples from human studies. Student work will largely be presentation and discussion of the primary literature. Final projects will involve computational experiments applying information learned throughout the semester and your own creativity.

Requirements: **Prerequisite: (LIFESCI 1A OR LPS A) AND (MCB 80 OR NEURO 80)**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
Full Year Course	Indivisible Course
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Neuroscience - Undergraduate 101KB

The Musical Brain – How the Brain Processes Sound and Creates Music (207613)

2020 Spring (2 Credits) **Schedule:** R 0600 PM - 0715 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This tutorial will explore the neural circuits underlying music processing, from the basics of frequency tuning to the complexities of synesthesia. To understand the perception of sound and music at the circuit level, we will use examples from animal models, exploring how these animals succeed or fail at capturing the complexities of music. Because music is an auditory, motor, and cognitive phenomenon, we will also cover these systems with examples from human studies. Student work will largely be presentation and discussion of the primary literature. Final projects will involve computational experiments applying information learned throughout the semester and your own creativity.

Requirements: **Prerequisite: (LIFESCI 1A OR LPS A) AND (MCB 80 OR NEURO 80)**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Indivisible Course
Course Search Attributes	Display Only in Course Search
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students

Neuroscience - Undergraduate 101LA

The Neurobiology of Sleep and its Role in Mental Health (207615)

2019 Fall (2 Credits) **Schedule:** M 0430 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

The scientific study of sleep is both highly in terdisciplinary and among the most unifying of topics in psychology and the neurosciences. In the past several decades, exciting new discoveries on the neurobiology of sleep have been facilitated by technologies such as functional neuroimaging and molecular genetics. Sleep science exemplifies the translational approach in biomedical science whereby investigators in human and animal research work together to continually advance the field of sleep medicine. Scientific findings increasingly point to the importance of sleep for mental health and optimum performance, as well as to sleep disruption as both a result and potential cause of mental illness. In psychiatric neuroscience, sleep is an area in which many fundamental questions remain unanswered due to the unique challenges of studying human sleep.

Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Requirements: **Prerequisite: MCB 80 OR MCB 81**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Indivisible Course
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Neuroscience - Undergraduate 101LB

The Neurobiology of Sleep and its Role in Mental Health (207616)

2020 Spring (2 Credits) **Schedule:** M 0430 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

The scientific study of sleep is both highly in terdisciplinary and among the most unifying of topics in psychology and the neurosciences. In the past several decades, exciting new discoveries on the neurobiology of sleep have been facilitated by technologies such as functional neuroimaging and molecular genetics. Sleep science exemplifies the translational approach in biomedical science whereby investigators in human and animal research work together to continually advance the field of sleep medicine. Scientific findings increasingly point to the importance of sleep for mental health and optimum performance, as well as to sleep disruption as both a result and potential cause of mental illness. In psychiatric neuroscience, sleep is an area in which many fundamental questions remain unanswered due to the unique challenges of studying human sleep.

Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Requirements: **Prerequisite: (LPS A OR LS 1A) AND (MCB 80 OR MCB 81)**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Indivisible Course
FAS Divisional Distribution	Science & Engineering & Applied Science
Course Search Attributes	Display Only in Course Search

Neuroscience - Undergraduate 105

Systems Neuroscience (207528)

Florian Engert

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 99

The neuronal basis of sensory processing and animal behavior will be explored in many different model systems as diverse as honeybees, weakly electric fish, and humans. Special emphasis is placed on the role of activity dependent modulation of neuronal connections in the context of learning, memory, and development of the nervous system.

Class Notes: **Neuro 105 is also offered as MCB 105. Students may not enroll in both.**

Requirements: **Pre-requisite: MCB/NEURO 80 or Instructor Approval.**
Anti-requisite: Cannot be taken for credit if MCB 105 is already complete

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students

Neuroscience - Undergraduate 115

Cellular Basis of Neuronal Function (207530)

Ryan W. Draft

Kathleen Quast

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 20

The essential function of a neuron is to processes complex signals derived from the external world. In doing so, neurons employ diverse mechanisms that respond to chemical and electrical signals with incredible sensitivity and plasticity. In this course, we will study these electrical, molecular, and cellular processes using biophysical and biological approaches. Specifically, we will explore topics on excitable membranes, neurotransmission, ion channels, dendritic integration, intracellular signaling, and synaptic plasticity in the context of real cells and brain circuits. Additionally, there will be a hands-on laboratory section for students to learn to collect and analyze data from common electrophysiological methods (patch clamping and extracellular recording in cultured cells and brain slices).

Laboratory section (2 hours) will be scheduled ad hoc after enrollment on either Thursdays, Fridays, or Mondays.

Class Notes: **Neuro 115 is also offered as MCB 115. Students may not enroll in both.**

Requirements: **Pre-requisite: MCB/NEURO 80 or Instructor Approval.**
Anti-requisite: Cannot be taken for credit if MCB 115 is already complete

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Neuroscience - Undergraduate 120

Introductory Computational Neuroscience (205105)

Kenneth Blum

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course introduces students to abstract models of what and how neurons compute and concrete analyses of real neurons in action. Topics include network models of sensory processing, short- and long-term memory, reinforcement learning, the Hodgkin-Huxley model of the action potential, and techniques to analyze real experimental data. The approach will draw upon recent advances in neuroscience and deep learning. This course will emphasize students' contributions and classroom interactions. Programming homework assignments and group final projects will be a significant aspect of the course, so programming experience (Python/Matlab will be used) will be assumed. Familiarity with linear algebra and differential

equations at the level of Math or Applied Math 21b will be assumed.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students

Neuroscience - Undergraduate 125

Molecular Basis of Behavior (207533)

Catherine Dulac

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Modern molecular genetic approaches are teaching us a great deal on how the brain controls behaviors. This course will cover newly developed experimental strategies of molecular neuroscience, and how they have helped uncover the nature and identity of behavior circuit components. How genes and molecules affect behaviors will be investigated through key examples of mammalian behaviors with an emphasis on instinctive and social behaviors, their expression, development, and associated mental disorders.

Class Notes: **Neuro 125 is also offered as MCB 125. Students may not enroll in both.**

Requirements: **Anti-Req: Students who have taken MCB 125 cannot take this course for credit.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Neuroscience - Undergraduate 129

The Brain: Development, Plasticity and Decline (212829)

Sam Kunes

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 50

A lecture and discussion course on how the brain develops, employs plasticity to adapt to its environment and undergoes functional decline with aging. Topics include the birth, death and identity of neurons, axon guidance and synaptic specificity, adult neurogenesis, developmental disorders of synaptic function and memory, including autism and Alzheimer's Disease. We explore how the brain loses function with aging. Course assignments emphasize critical evaluation of the primary literature, experimental design and scientific writing.

Requirements: **Anti-Requisite: Cannot be taken for credit if MCB 129 already complete.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Neuroscience - Undergraduate 130

Visual Recognition: Computational and Biophysical Perspective (160750)

Gabriel Kreiman

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Examines how neuronal circuits represent information and how those circuits are implemented in artificial intelligence algorithms. Topics: architecture of visual cortex, neurophysiology, visual consciousness, computational neuroscience, models of pattern recognition and computer vision.

Course Notes: **Course website: Neurobiology 230, Visual Recognition**

Neuro 130 cannot be taken if Neuro 230 has been taken. Neuro 130 cannot be taken concurrently with Neuro 230.

Recommended Prep: **Math (Maa/Mab, Math 1A,1B, Math 19 a or equivalent). Physical Sciences 1. MCB 80.**

Requirements: **Prerequisite: ((LifeSci 1A OR LPS A) AND (LifeSci 1B)) AND may not be taken at the same time with NEURO 230**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Neuroscience - Undergraduate 140

Biological and Artificial Intelligence (207645)

Gabriel Kreiman

2020 Spring (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course provides a foundational overview of the fundamental ideas in computational neuroscience and the study of Biological Intelligence. At the same time, the course will connect the study of brains to the blossoming and rapid development of ideas in Artificial Intelligence. Topics covered include the biophysics of computation, neural networks, machine learning, Bayesian models, theory of learning, deep convolutional networks, generative adversarial networks, neural coding, control and dynamics of neural activity, applications to brain-machine interfaces, connectomics, among others.

Recommended Prep: **Basic knowledge of multivariate calculus, differential equations, linear**

algebra, and elementary probability theory

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students

Neuroscience - Undergraduate 143

Neurobiology of Vision and Blindness (207773)

Joshua Sanes

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Vision system fascinates biologists, in part because we are such visual animals. In fact, Americans regard blindness as the worst ailment they could get, fearing it more than Alzheimer's or AIDS. For these reasons, as well as because of Its relative accessibility, the visual system is a favored model for studying neural circuitry, as well as for testing novel therapeutic approaches, such as gene therapy. This course will cover key topics in visual development, structure and function, and then use them as a basis for considering causes of blindness and potential cures.

Class Notes: **Neuro 143 is also offered as MCB 143. Students may not enroll in both.**

Recommended Prep: **MCB 80 or NEURO 80 is recommended.**

Requirements: **Pre-requisite: MCB/NEURO 80 or Instructor Approval.**
Anti-requisite: Cannot be taken for credit if MCB 143 is already complete.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students

Neuroscience - Undergraduate 148

The Neurobiology of Pain (207607)

Ryan W. Draft

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This course will explore the neurobiological systems and mechanisms underlying both acute and chronic pain. Topics will include nociceptive/sensory systems, molecular basis and modulation of pain, neuroanatomy of peripheral and central pain circuits, pain pathologies, pharmacological and non pharmacological treatments. The emphasis will be on understanding basic neurobiological concepts underlying pain systems and reading/discussing the primary scientific research in the field.

Requirements: **Pre-requisite: MCB/NEURO 80 or Instructor Approval.**
Anti-requisite: Cannot be taken for credit if MCB 148 is already

complete

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Neuroscience - Undergraduate 170

Brain Invaders: Building and Breaking Barriers in the Nervous System (207770)

Laura M. Magnotti

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

The brain has evolved a unique but very effective system to protect itself from invaders. In this course, we will explore the specific defenses that the nervous system uses to protect itself. We will also examine how some pathogens evade or breach those defenses and the impact of those invasions. Finally, we will explore how scientists have been able to translate their understanding of these pathogenic mechanisms into technologies for research and therapeutic applications.

Class Notes: **Neuro 170 is also offered as MCB 170. Students may not enroll in both.**

Requirements: **Prerequisite: (LPS A OR LS 1a) AND MCB/NEURO 80 or Instructor Approval.**
Anti-requisite: Cannot be taken for credit if MCB 170 is already complete

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students

Neuroscience - Undergraduate 1202

Modern Neuroanatomy (212832)

Randy Buckner

2020 Spring (4 Credits) **Schedule:** M 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

How does the global architecture and local organization of brain systems support behavioral and cognitive functions? In this class, classical and newer neuroanatomical discoveries will be discussed that cover what defines brain areas; how areas are organized into parallel, distributed circuits; how distinct areas and systems are organized; and how anatomical form relates to function. Anatomy in the human brain and from model systems (worm, mouse, barn owl, and monkey) will be used to illustrate principles. Newer techniques and analytical approaches will be discussed including micro-scale and macro-scale connectomics. The goal of this class is to survey examples of how emerging understanding of neuroanatomy provides insight into function. Each class will consist of lecture and discussion.

Class Notes: **Neuro 1202 is also offered as PSY 1202. Students may not enroll in both.**

Requirements: **Anti-Requisite: Cannot be taken for credit if PSY 1202 already complete.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Neuroscience - Undergraduate 1401

Computational Cognitive Neuroscience: Building Models of the Brain (207732)

Samuel Gershman

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

"What I cannot create, I do not understand." This course applies Richard Feynman's dictum to the brain, by teaching students how to simulate brain function with computer programs. Special emphasis will be placed on how neurobiological mechanisms give rise to cognitive processes like learning, memory, attention, decision-making, and object perception. Students will learn how to understand experimental data through the lens of computational models, and ultimately how to build their own models.

Class Notes: **Neuro 1401 is also offered as PSY 1401. Students may not enroll in both.**

Recommended Prep: **Students be comfortable with a numerical programming language (e.g., Python, Matlab, R). Psychology concentrators should have taken Science of Living Systems 20 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, PSY 18, Science of Living Systems 15, MCB 80 or MCB 81 before enrolling in this course; or permission of instructor.**

Requirements: **Anti-Requisite: Cannot be taken for credit if PSY 1401 already complete.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

No Department

Subject: Independent Study

Independent Study 1

Independent Study (150200)

Charles Lockwood

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent Study is designed to provide credit for field research, academic study not available in regular course work, or practice or performance in the arts. What distinguishes a suitable project is the application of analytical skills to the object of Independent Study. Any sophomore, junior, or senior whose previous record is satisfactory may petition to undertake Independent Study for non-letter-graded credit. Students may access the petition for Independent Study on the Office of Undergraduate Education website.

Course Notes: **A student may petition to take up to a total of four, four-credit courses of Independent Study. Independent Study courses are subject to the same rules for dropping and withdrawing as any other course.**
The petition requires the signatures of a qualified adviser and the student's resident dean, as well as an outline of the student's proposed project. It must be submitted to the Allston Burr Resident Dean for approval, ordinarily in the first week of the term.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Independent Study 1

Independent Study (150200)

Charles Lockwood

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent Study is designed to provide credit for field research, academic study not available in regular course work, or practice or performance in the arts. What distinguishes a suitable project is the application of analytical skills to the object of Independent Study. Any sophomore, junior, or senior whose previous record is satisfactory may petition to undertake Independent Study for non-letter-graded credit. Students may access the petition for Independent Study on the Office of Undergraduate Education website.

Course Notes: **A student may petition to take up to a total of four, four-credit courses of Independent Study. Independent Study courses are subject to the same rules for dropping and withdrawing as any other course.**
The petition requires the signatures of a qualified adviser and the student's resident dean, as well as an outline of the student's proposed project. It must be submitted to the Allston Burr Resident

Dean for approval, ordinarily in the first week of the term.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Independent Study 1 Section: 002

Independent Study (150200)

Tiffanie Ting

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent Study is designed to provide credit for field research, academic study not available in regular course work, or practice or performance in the arts. What distinguishes a suitable project is the application of analytical skills to the object of Independent Study. Any sophomore, junior, or senior whose previous record is satisfactory may petition to undertake Independent Study for non-letter-graded credit. Students may access the petition for Independent Study on the Office of Undergraduate Education website.

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Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration

Independent Study 1 Section: 002

Independent Study (150200)

Tiffanie Ting

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent Study is designed to provide credit for field research, academic study not available in regular course work, or practice or performance in the arts. What distinguishes a suitable project is the application of analytical skills to the object of Independent Study. Any sophomore, junior, or senior whose previous record is satisfactory may petition to undertake Independent Study for non-letter-graded credit. Students may access the petition for Independent Study on the Office of Undergraduate Education website.

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The petition requires the signatures of a qualified adviser and the student's resident dean, as well as an outline of the student's proposed project. It must be submitted to the Allston Burr Resident Dean for approval, ordinarily in the first week of the term.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Independent Study 1 Section: 003

Independent Study (150200)

Amanda Lobell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent Study is designed to provide credit for field research, academic study not available in regular course work, or practice or performance in the arts. What distinguishes a suitable project is the application of analytical skills to the object of Independent Study. Any sophomore, junior, or senior whose previous record is satisfactory may petition to undertake Independent Study for non-letter-graded credit. Students may access the petition for Independent Study on the Office of Undergraduate Education website.

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students

Independent Study 1 Section: 003

Independent Study (150200)

Monique Roy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent Study is designed to provide credit for field research, academic study not available in regular course work, or practice or performance in the arts. What distinguishes a suitable project is the application of analytical skills to the object of Independent Study. Any sophomore, junior, or senior whose previous record is satisfactory may petition to undertake Independent Study for non-letter-graded credit. Students may access the petition for Independent Study on the Office of Undergraduate Education website.

Course Notes: **A student may petition to take up to a total of four, four-credit courses of Independent Study. Independent Study courses are subject to the same rules for dropping and withdrawing as any other course. The petition requires the signatures of a qualified adviser and the student's resident dean, as well as an outline of the student's proposed project. It must be submitted to the Allston Burr Resident Dean for approval, ordinarily in the first week of the term.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Independent Study 1 Section: 004

Independent Study (150200)

Soha Bayoumi

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent Study is designed to provide credit for field research, academic study not available in regular course work, or practice or performance in the arts. What distinguishes a suitable project is the application of analytical skills to the object of Independent Study. Any sophomore, junior, or senior whose previous record is satisfactory may petition to undertake Independent Study for non-letter-graded credit. Students may access the petition for Independent Study on the Office of Undergraduate Education website.

Course Notes: **A student may petition to take up to a total of four, four-credit courses of Independent Study. Independent Study courses are subject to the same rules for dropping and withdrawing as any other course. The petition requires the signatures of a qualified adviser and the student's resident dean, as well as an outline of the student's proposed project. It must be submitted to the Allston Burr Resident Dean for approval, ordinarily in the first week of the term.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students

Independent Study 1 Section: 004

Independent Study (150200)

Michael Uy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent Study is designed to provide credit for field research, academic study not available in regular course work, or practice or performance in the arts. What distinguishes a suitable project is the application

of analytical skills to the object of Independent Study. Any sophomore, junior, or senior whose previous record is satisfactory may petition to undertake Independent Study for non-letter-graded credit. Students may access the petition for Independent Study on the Office of Undergraduate Education website.

Course Notes: **A student may petition to take up to a total of four, four-credit courses of Independent Study. Independent Study courses are subject to the same rules for dropping and withdrawing as any other course. The petition requires the signatures of a qualified adviser and the student's resident dean, as well as an outline of the student's proposed project. It must be submitted to the Allston Burr Resident Dean for approval, ordinarily in the first week of the term.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students

Independent Study 1 Section: 005

Independent Study (150200)

Laura Hawkins

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent Study is designed to provide credit for field research, academic study not available in regular course work, or practice or performance in the arts. What distinguishes a suitable project is the application of analytical skills to the object of Independent Study. Any sophomore, junior, or senior whose previous record is satisfactory may petition to undertake Independent Study for non-letter-graded credit. Students may access the petition for Independent Study on the Office of Undergraduate Education website.

Course Notes: **A student may petition to take up to a total of four, four-credit courses of Independent Study. Independent Study courses are subject to the same rules for dropping and withdrawing as any other course. The petition requires the signatures of a qualified adviser and the student's resident dean, as well as an outline of the student's proposed project. It must be submitted to the Allston Burr Resident Dean for approval, ordinarily in the first week of the term.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Independent Study 1 Section: 005

Independent Study (150200)

Andrea Wright

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent Study is designed to provide credit for field research, academic study not available in regular course work, or practice or performance in the arts. What distinguishes a suitable project is the application of analytical skills to the object of Independent Study. Any sophomore, junior, or senior whose previous record is satisfactory may petition to undertake Independent Study for non-letter-graded credit. Students may access the petition for Independent Study on the Office of Undergraduate Education website.

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Independent Study 1 Section: 006

Independent Study (150200)

Soha Bayoumi

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent Study is designed to provide credit for field research, academic study not available in regular course work, or practice or performance in the arts. What distinguishes a suitable project is the application of analytical skills to the object of Independent Study. Any sophomore, junior, or senior whose previous record is satisfactory may petition to undertake Independent Study for non-letter-graded credit. Students may access the petition for Independent Study on the Office of Undergraduate Education website.

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Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Independent Study 1 Section: 006

Independent Study (150200)

Linda Chavers

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent Study is designed to provide credit for field research, academic study not available in regular course work, or practice or performance in the arts. What distinguishes a suitable project is the application of analytical skills to the object of Independent Study. Any sophomore, junior, or senior whose previous record is satisfactory may petition to undertake Independent Study for non-letter-graded credit. Students may access the petition for Independent Study on the Office of Undergraduate Education website.

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Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Independent Study 1 Section: 007

Independent Study (150200)

Catherine Shapiro

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent Study is designed to provide credit for field research, academic study not available in regular course work, or practice or performance in the arts. What distinguishes a suitable project is the application of analytical skills to the object of Independent Study. Any sophomore, junior, or senior whose previous record is satisfactory may petition to undertake Independent Study for non-letter-graded credit. Students may access the petition for Independent Study on the Office of Undergraduate Education website.

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Independent Study 1 Section: 007

Independent Study (150200)

Amanda Lobell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent Study is designed to provide credit for field research, academic study not available in regular course work, or practice or performance in the arts. What distinguishes a suitable project is the application of analytical skills to the object of Independent Study. Any sophomore, junior, or senior whose previous record is satisfactory may petition to undertake Independent Study for non-letter-graded credit. Students may access the petition for Independent Study on the Office of Undergraduate Education website.

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The petition requires the signatures of a qualified adviser and the student's resident dean, as well as an outline of the student's proposed project. It must be submitted to the Allston Burr Resident Dean for approval, ordinarily in the first week of the term.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Independent Study 1 Section: 008

Independent Study (150200)

Caitlin Casey

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent Study is designed to provide credit for field research, academic study not available in regular course work, or practice or performance in the arts. What distinguishes a suitable project is the application of analytical skills to the object of Independent Study. Any sophomore, junior, or senior whose previous record is satisfactory may petition to undertake Independent Study for non-letter-graded credit. Students may access the petition for Independent Study on the Office of Undergraduate Education website.

Course Notes: **A student may petition to take up to a total of four, four-credit courses of Independent Study. Independent Study courses are subject to the same rules for dropping and withdrawing as any other course.**
The petition requires the signatures of a qualified adviser and the student's resident dean, as well as an outline of the student's proposed project. It must be submitted to the Allston Burr Resident Dean for approval, ordinarily in the first week of the term.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

FAS: Course Level	Primarily for Undergraduate Students

Independent Study 1 Section: 008

Independent Study (150200)

Michael Uy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent Study is designed to provide credit for field research, academic study not available in regular course work, or practice or performance in the arts. What distinguishes a suitable project is the application of analytical skills to the object of Independent Study. Any sophomore, junior, or senior whose previous record is satisfactory may petition to undertake Independent Study for non-letter-graded credit. Students may access the petition for Independent Study on the Office of Undergraduate Education website.

Course Notes: **A student may petition to take up to a total of four, four-credit courses of Independent Study. Independent Study courses are subject to the same rules for dropping and withdrawing as any other course. The petition requires the signatures of a qualified adviser and the student's resident dean, as well as an outline of the student's proposed project. It must be submitted to the Allston Burr Resident Dean for approval, ordinarily in the first week of the term.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Independent Study 1 Section: 009

Independent Study (150200)

Luke Leafgren

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent Study is designed to provide credit for field research, academic study not available in regular course work, or practice or performance in the arts. What distinguishes a suitable project is the application of analytical skills to the object of Independent Study. Any sophomore, junior, or senior whose previous record is satisfactory may petition to undertake Independent Study for non-letter-graded credit. Students may access the petition for Independent Study on the Office of Undergraduate Education website.

Course Notes: **A student may petition to take up to a total of four, four-credit courses of Independent Study. Independent Study courses are subject to the same rules for dropping and withdrawing as any other course. The petition requires the signatures of a qualified adviser and the student's resident dean, as well as an outline of the student's proposed project. It must be submitted to the Allston Burr Resident Dean for approval, ordinarily in the first week of the term.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Independent Study 1 Section: 009

Independent Study (150200)

Bilal Malik

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent Study is designed to provide credit for field research, academic study not available in regular course work, or practice or performance in the arts. What distinguishes a suitable project is the application of analytical skills to the object of Independent Study. Any sophomore, junior, or senior whose previous record is satisfactory may petition to undertake Independent Study for non-letter-graded credit. Students may access the petition for Independent Study on the Office of Undergraduate Education website.

Course Notes: **A student may petition to take up to a total of four, four-credit courses of Independent Study. Independent Study courses are subject to the same rules for dropping and withdrawing as any other course.**
The petition requires the signatures of a qualified adviser and the student's resident dean, as well as an outline of the student's proposed project. It must be submitted to the Allston Burr Resident Dean for approval, ordinarily in the first week of the term.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Independent Study 1 Section: 010

Independent Study (150200)

Monique Roy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent Study is designed to provide credit for field research, academic study not available in regular course work, or practice or performance in the arts. What distinguishes a suitable project is the application of analytical skills to the object of Independent Study. Any sophomore, junior, or senior whose previous record is satisfactory may petition to undertake Independent Study for non-letter-graded credit. Students may access the petition for Independent Study on the Office of Undergraduate Education website.

Course Notes: **A student may petition to take up to a total of four, four-credit courses of Independent Study. Independent Study courses are subject to the same rules for dropping and withdrawing as any other course.**
The petition requires the signatures of a qualified adviser and the

student's resident dean, as well as an outline of the student's proposed project. It must be submitted to the Allston Burr Resident Dean for approval, ordinarily in the first week of the term.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students

Independent Study 1 Section: 011

Independent Study (150200)

Laura Hawkins

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent Study is designed to provide credit for field research, academic study not available in regular course work, or practice or performance in the arts. What distinguishes a suitable project is the application of analytical skills to the object of Independent Study. Any sophomore, junior, or senior whose previous record is satisfactory may petition to undertake Independent Study for non-letter-graded credit. Students may access the petition for Independent Study on the Office of Undergraduate Education website.

Course Notes: **A student may petition to take up to a total of four, four-credit courses of Independent Study. Independent Study courses are subject to the same rules for dropping and withdrawing as any other course.**
The petition requires the signatures of a qualified adviser and the student's resident dean, as well as an outline of the student's proposed project. It must be submitted to the Allston Burr Resident Dean for approval, ordinarily in the first week of the term.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Independent Study 1 Section: 012

Independent Study (150200)

Linda Chavers

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent Study is designed to provide credit for field research, academic study not available in regular course work, or practice or performance in the arts. What distinguishes a suitable project is the application of analytical skills to the object of Independent Study. Any sophomore, junior, or senior whose previous record is satisfactory may petition to undertake Independent Study for non-letter-graded credit. Students may access the petition for Independent Study on the Office of Undergraduate Education website.

Course Notes: **A student may petition to take up to a total of four, four-credit courses**

of Independent Study. Independent Study courses are subject to the same rules for dropping and withdrawing as any other course. The petition requires the signatures of a qualified adviser and the student's resident dean, as well as an outline of the student's proposed project. It must be submitted to the Allston Burr Resident Dean for approval, ordinarily in the first week of the term.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Independent Study 1 Section: 013

Independent Study (150200)

Laura Chivers

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent Study is designed to provide credit for field research, academic study not available in regular course work, or practice or performance in the arts. What distinguishes a suitable project is the application of analytical skills to the object of Independent Study. Any sophomore, junior, or senior whose previous record is satisfactory may petition to undertake Independent Study for non-letter-graded credit. Students may access the petition for Independent Study on the Office of Undergraduate Education website.

Course Notes: **A student may petition to take up to a total of four, four-credit courses of Independent Study. Independent Study courses are subject to the same rules for dropping and withdrawing as any other course. The petition requires the signatures of a qualified adviser and the student's resident dean, as well as an outline of the student's proposed project. It must be submitted to the Allston Burr Resident Dean for approval, ordinarily in the first week of the term.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Independent Study 1 Section: 10

Independent Study (150200)

Caitlin Casey

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent Study is designed to provide credit for field research, academic study not available in regular course work, or practice or performance in the arts. What distinguishes a suitable project is the application of analytical skills to the object of Independent Study. Any sophomore, junior, or senior whose previous

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Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Independent Study 1 Section: 11

Independent Study (150200)

Luke Leafgren

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent Study is designed to provide credit for field research, academic study not available in regular course work, or practice or performance in the arts. What distinguishes a suitable project is the application of analytical skills to the object of Independent Study. Any sophomore, junior, or senior whose previous record is satisfactory may petition to undertake Independent Study for non-letter-graded credit. Students may access the petition for Independent Study on the Office of Undergraduate Education website.

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Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Independent Study 1 Section: 12

Independent Study (150200)

Andrea Wright

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent Study is designed to provide credit for field research, academic study not available in regular course work, or practice or performance in the arts. What distinguishes a suitable project is the application of analytical skills to the object of Independent Study. Any sophomore, junior, or senior whose previous record is satisfactory may petition to undertake Independent Study for non-letter-graded credit. Students may access the petition for Independent Study on the Office of Undergraduate Education website.

Course Notes: **A student may petition to take up to a total of four, four-credit courses of Independent Study. Independent Study courses are subject to the same rules for dropping and withdrawing as any other course. The petition requires the signatures of a qualified adviser and the student's resident dean, as well as an outline of the student's proposed project. It must be submitted to the Allston Burr Resident Dean for approval, ordinarily in the first week of the term.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration

Independent Study 1 Section: 13

Independent Study (150200)

Laura Chivers

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent Study is designed to provide credit for field research, academic study not available in regular course work, or practice or performance in the arts. What distinguishes a suitable project is the application of analytical skills to the object of Independent Study. Any sophomore, junior, or senior whose previous record is satisfactory may petition to undertake Independent Study for non-letter-graded credit. Students may access the petition for Independent Study on the Office of Undergraduate Education website.

Course Notes: **A student may petition to take up to a total of four, four-credit courses of Independent Study. Independent Study courses are subject to the same rules for dropping and withdrawing as any other course. The petition requires the signatures of a qualified adviser and the student's resident dean, as well as an outline of the student's proposed project. It must be submitted to the Allston Burr Resident Dean for approval, ordinarily in the first week of the term.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Independent Study 298

Independent Study for Research Scholars (161076)

Sheila Thomas

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

This course is for GSAS, non-degree, Special Students.

Course Notes: **This course is letter graded.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Not Available for Cross Registration

Independent Study 298

Independent Study for Research Scholars (161076)

Sheila Thomas

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course is for GSAS, non-degree, Special Students.

Course Notes: **This course is letter graded.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students

Independent Study 300

Independent Study for Research Scholars (161075)

Sheila Thomas

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

This course is for GSAS, non-degree, Special Students.

Course Notes: **This course is graded Satisfactory/Unsatisfactory.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Independent Study 300

Independent Study for Research Scholars (161075)

Sheila Thomas

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course is for GSAS, non-degree, Special Students.

Course Notes: **This course is graded Satisfactory/Unsatisfactory.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Subject: XREG Brown University

XREG Brown University POB250 Section: 01

Portuguese Cultural and National Identity (153884)

2019 Fall (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Organismic and Evolutionary Biology

Subject: Organismic & Evolutionary Biol

Organismic & Evolutionary Biol 10

Foundations of Biological Diversity (144594)

Brian Farrell

Peter Girguis

Elena Kramer

Collin Johnson

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An integrated approach to the diversity of life, emphasizing how chemical, physical, genetic, ecological and geologic processes contribute to the origin and maintenance of biological diversity. Topics to be covered include the evolution of metabolic pathways, multicellularity and structural complexity; causes and consequences of differences in diversity over space and time; the role of species interactions (including symbioses) as an evolutionary force; and the evolution of humans and their impact on the environment.

Course Notes: **Knowledge of introductory molecular, cellular biology, and genetics is recommended. 2.5 hour mandatory sections and field trips.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Organismic & Evolutionary Biol 11

Introduction to Tropical Biology (208258)

David Haig

Gonzalo Giribet

2020 Spring (4 Credits) **Schedule:** F 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

This course will expose students to concepts of tropical biology and tropical biodiversity. A pre-semester three-week January, 2020, field trip to Australia is recommended. Pre-planning meetings will take place in the fall. Students will work in rainforest and tropical coral reefs, and will focus on the ecology, physiology and diversity of these ecosystems. Experts on tropical ecology, including rainforests and marine environments, and taxonomic experts will be involved.

Course Notes: **Enrollment limited to 10 Integrative Biology Concentrators (sophomores given priority). OEB 10 is a prerequisite. Course recommends a 3-week field trip in January, 2020, at a tropical location in Australia. Students will partner with 10 students from The University**

of Sydney. The course is designed to be taught by faculty from Harvard and the University of Sydney.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Undergraduate Students

Organismic & Evolutionary Biol 50

Genetics and Genomics (130236)

Daniel Hartl

Robin Hopkins

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Fundamental concepts in genetics and genomics forming a critical foundation for biology approached from two perspectives: (1) as a body of knowledge pertaining to genetic transmission, function, mutation, and evolution in eukaryotes and prokaryotes; and (2) as an experimental approach providing a toolkit for the study of biological processes such as development and behavior. Topics include structure, function, transmission, linkage, mutation, and manipulation of genes; genetic approaches in experimental studies of biological processes; and analysis of genomes in individuals and populations. Related ethical issues also discussed include genetically modified organisms, gene therapy, genetic testing, personalized medicine, and genetic privacy.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Organismic & Evolutionary Biol 51

Biology and Evolution of Invertebrate Animals (144597)

Gonzalo Giribet

Cassandra Extavour

2020 Spring (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** 14

Introduction to invertebrate diversity, will cover the development, adult anatomy, biology and evolutionary relationships of the main animal phyla including sponges, mollusks, annelids and arthropods among others. Special emphasis is placed on understanding the broad diversity of animal forms and their adaptations to different ecosystems and how these phenomena shape animal evolution. Lectures will be complemented with a mandatory weekly lab, and the course includes a field trip to different areas of outstanding marine diversity in the Caribbean.

Course Notes: **Optional field trip to the Caribbean for research during spring break.**

Mandatory Lab component: Wednesdays, 3:00-5:45 PM.

Recommended Prep: **LS1b, OEB 10, OEB 53 or permission of instructor required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Organismic & Evolutionary Biol 52

Biology of Plants (131579)

Elena Kramer

Noel Holbrook

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to the structure, diversity, and physiology of plants with an emphasis on evolutionary relationships and adaptations to life on land. Topics include growth, resource acquisition, interactions with other organisms (i.e., fungi, bacteria, insects), reproduction, and survival in extreme environments. Laboratory sessions provide an overview of plant and diversity and an introduction to basic physiological processes.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Final Assessment Category	Three-hour Exam

Organismic & Evolutionary Biol 53

Evolutionary Biology (142224)

Andrew Berry

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

The course covers micro- and macro-evolution, ranging in its focus from population genetics through molecular evolution to the grand patterns of the fossil record. Topics emphasized include both natural and sexual selection, the ecological context of adaptation, genomic and developmental mechanisms of evolutionary innovation, speciation, phylogenetics, and evolutionary approaches to human problems.

Recommended Prep: **Life Sciences 1B or permission of the instructor..**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll

FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Organismic & Evolutionary Biol 54

Biology of the Fungi (148250)

Donald Pfister

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course explores the fascinating diversity of the kingdom fungi, including evolution, ecology and morphology. All of the major groups of fungi, from smuts to molds, will be included. Students use a variety of techniques to learn about these organisms and their activities.

Course Notes: **There is a weekly laboratory, and several afternoon field trips are required (dates to be announced).**

Class Notes: **Fall 2019 First Meeting Location:**
Museum of Comparative Zoology 101 from 1:30 PM - 2:45 PM:
- Tuesday, September 3, 2019

Recommended Prep: **Life Sciences 1a and 1b or permission of instructor. Lab section will be held on Tuesdays from 2:30pm-4:00pm during Fall 2016.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Undergraduate Students

Organismic & Evolutionary Biol 55

Ecology: Populations, Communities, and Ecosystems (132206)

Andrew Davies

Paul Moorcroft

Collin Johnson

2020 Spring (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course examines the relationships of organisms to their environment at the individual, population, and community level. The course covers topics in both pure and applied ecology including: adaptations to the physical environment, population dynamics, competition, predator-prey interactions, community ecology, ecosystem structure, stability, and function, the ecology of infectious diseases, and natural resource management.

Recommended Prep: **Mathematics 1a or 1b.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration

Organismic & Evolutionary Biol 56

Geobiology and the History of Life (130331)

Andrew Knoll

David Johnston

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Within our solar system, Earth is distinguished as the planet with life. Life was born of planetary processes, has been sustained for some four billion years by planetary processes, and through time has emerged as a set of planetary processes that is important in its own right. In this course we will investigate the ways that Earth and life interact, focusing in particular on the biogeochemical cycles of major elements. This will provide a framework for interpreting the history of life reconstructed from fossils and phylogeny.

Course Notes: **OEB 56 is also offered as EPS 56. Students may not take both OEB 56 and EPS 56 for credit.**

Recommended Prep: **EPS 21, 22, or Life Sciences 1b; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Organismic & Evolutionary Biol 57

Animal Behavior (131446)

Bence Olveczky

Naomi Pierce

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

A review of the behavior of animals under natural conditions, with emphasis on both mechanistic and evolutionary approaches. Topics include classical ethology; behavioral endocrinology; behavioral genetics; learning and memory; communication; orientation, migration and biological rhythms; optimal foraging; evolutionary stable strategies; sexual selection; parental investment and mating systems; selfishness, altruism, and reciprocity; and sociality in vertebrates and invertebrates.

Requirements: **Anti-Requisite: Cannot be taken for credit if NEURO 57 already**

complete.

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Organismic & Evolutionary Biol 91R

Supervised Reading (156955)

Gonzalo Giribet

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Supervised reading on topics not covered by regular courses. For OEB concentrators, work may be supervised by faculty in other departments, provided it is co-sponsored by an OEB faculty member. For non-concentrators, work must be directed by an OEB faculty member. Students must submit a registration request to the OEB Undergraduate Office before enrollment. Students cannot take OEB 91r and 99r simultaneously with the same director.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Organismic & Evolutionary Biol 91R

Supervised Reading (156955)

Gonzalo Giribet

Andrew Berry

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Supervised reading on topics not covered by regular courses. For OEB concentrators, work may be supervised by faculty in other departments, provided it is co-sponsored by an OEB faculty member. For non-concentrators, work must be directed by an OEB faculty member. Students must submit a registration request to the OEB Undergraduate Office before enrollment. Students cannot take OEB 91r and 99r simultaneously with the same director.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Undergraduate Students

Organismic & Evolutionary Biol 99R

Supervised Research (144581)

Gonzalo Giribet

Andrew Berry

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Course taken in one or more semesters to obtain credit for independent research, including research toward a senior thesis. Work should be directed by an OEB faculty member or have an OEB faculty sponsor. All students must submit registration materials for OEB 99r at the time of enrollment.

Course Notes: **Laboratory safety session required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Not Available for Cross Registration

Organismic & Evolutionary Biol 99R

Supervised Research (144581)

Gonzalo Giribet

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course taken in one or more semesters to obtain credit for independent research, including research toward a senior thesis. Work should be directed by an OEB faculty member or have an OEB faculty sponsor. All students must submit registration materials for OEB 99r at the time of enrollment.

Course Notes: **Laboratory safety session required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science

Organismic & Evolutionary Biol 104

The Mouse in Science and Society (161184)

Kathleen Pritchett-Corning

2020 Spring (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** 18

Mice remain the most popular vertebrates used in biomedical R&D today, with tens of millions of lab mice produced annually in the United States alone. At the same time, mice are commonly studied for their own characteristics that continue to enhance our knowledge about innate mammalian behavior, predator-prey dynamics in changing ecosystems, and reservoir hosts for emerging diseases, to name a few. This course intends to provide a strong foundation in mouse biology, both basic and applied, as well as exposure to cultural and political aspects of the current impact of mice (real or fictitious) on contemporary societal values. Instructors: Kathleen Pritchett-Corning.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Organismic & Evolutionary Biol 106

Plant Development and Differentiation (148122)

Elena Kramer

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

A comprehensive lecture course on the developmental biology of plants from fertilization through all phases of vegetative and reproductive growth. Material includes both morphological and genetic studies. Although the main focus of the course is angiosperms, examples are drawn from other lineages of land plants as well. Additional topics include control of cell division and elongation, signal transduction, and hormone response.

Recommended Prep: **Life Sciences 1b and OEB 52 (formerly OEB 124) or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Organismic & Evolutionary Biol 114

Vertebrate Viviparity (142192)

David Haig

2019 Fall (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Viviparity has evolved many times in vertebrate phylogeny. The course reviews the diversity of parental care in vertebrates and explores the selective forces that have favored the evolution of live-bearing. The evidence for intergenerational conflicts is considered.

Recommended Prep: **Life Sciences 1b or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam

Organismic & Evolutionary Biol 119

Deep Sea Biology (145140)

Peter Girguis

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 45

The oceans contain 97% of Earth's water, and host the most disparate ecosystems on the planet. This course provides an introduction to deep ocean habitats, macrofauna and microorganisms. Emphasis is placed on the physiological adaptations of organisms to their environment, as well the role of microbes in mediating oceanic biogeochemical cycles.

Course Notes: **Lab component.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science

Organismic & Evolutionary Biol 126

Vertebrate Evolution (160453)

Stephanie Pierce

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This course provides a comprehensive survey of the origin and evolution of vertebrates through an examination of the fossil record. A primary focus will be on major events in Earth's evolutionary history, with an emphasis on anatomical and physiological transformations in fish, amphibians, reptiles, birds and mammals. To compliment in-class lectures, students will be given hands-on experience identifying fossil material. As an added bonus, the course offers an optional spring recess fossil dig to a prominent fossil locality.

Recommended Prep: **Life Sciences 2 and/or another whole animal biology course is encouraged (e.g. OEB 51, OEB 58, OEB 101, OEB 167, or OEB 207).**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science

All: Cross Reg Availability	Available for Harvard Cross Registration

Organismic & Evolutionary Biol 145

Genes and Behavior (145857)

Yun Zhang

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Behavior is inheritable and regulated by genes. This lecture course explores the causal links between the genes encoded in the genome and various behaviors, aiming to provide mechanistic understandings on how gene products control and influence behavioral outputs. The topics of the lectures cover both important findings as well as major research approaches in the field. The behavioral traits in discussion include olfaction, mechanosensation, foraging, circadian rhythm, aggression, courtship, sleep, social recognition, learning and memory, etc. The organisms that we will discuss include invertebrates, vertebrates and humans. Life Science 1a.

Course Notes: **The class will include a new 4-week lab component for research experience on genetic basis of behavior in Fall 2016.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

Organismic & Evolutionary Biol 150

Exceptional Paleobiological Insights into Animal Evolution (215692)

Javier Ortega-Hernandez

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

In this course we will explore the importance of soft-tissue preservation in the rock record through an overview of major exceptional fossiliferous sites around the world and throughout the Precambrian to Mid-Phanerozoic, with particular emphasis on the evolutionary history of invertebrate animals. Our aim is to produce a thorough understanding of the inherent biases of the fossil record, how exceptional deposits break with these limitations, and the contribution of exceptional paleontological data towards reconstructing the origin and early evolution of the major animal groups. In addition, the course offers an optional week-long field trip during spring break.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science

Organismic & Evolutionary Biol 155R

Biology of Insects (142688)

Naomi Pierce

2019 Fall (4 Credits) **Schedule:** WF 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

An introduction to the major groups of insects. The life history, morphology, physiology, and ecology of the main taxa are examined through a combination of lecture, lab, and field exercises. Topics include the phylogeny of terrestrial arthropods with a review of the extant orders, an analysis of abiotic and biotic factors regulating populations, including water balance, temperature, migration, parasitism, mutualism, sociality, insect/plant interactions, medical entomology, and the use of insects in biological control.

Course Notes: **Permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Organismic & Evolutionary Biol 157

Global Change Biology (143485)

Paul Moorcroft

Collin Johnson

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course examines how natural and anthropogenic changes in the earth system are affecting the composition and the functioning of the world's land and ocean ecosystems. Topics include: the ecological impacts of natural and anthropogenic changes in the earth's physical environment, and the effects of introduced species, species extinctions, land-use change, agriculture, and fishing.

Recommended Prep: **OEB 10 or OEB 53 and Mathematics 1a required. OEB 55 is recommended.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Organismic & Evolutionary Biol 167

Herpetology (145020)

James Hanken

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 24

An introduction to the biology of amphibians and reptiles. Lectures and laboratories examine the morphology, systematics, natural history, behavior, ecology, evolutionary relationships, and biogeography of all major taxa.

Course Notes: **LS 1b or OEB 10 recommended; students who haven't taken either course may require additional study on topics with which they are unfamiliar.**
Freshman only admitted under exceptional circumstances.

The course also has a mandatory lab component in addition to the lecture times. This lab section will be scheduled for Wednesdays, 3: 00-5:00 PM. A second weekly lab session may be added if warranted by a large enrollment.

In addition, the course is planning an optional week-long field trip during Spring Break.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science

Organismic & Evolutionary Biol 173

Comparative Biomechanics (145006)

Andrew Biewener

2020 Spring (4 Credits) **Schedule:** MWF 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An exploration of how animals and plants contend with their physical environment, considering their biomaterial properties, structural form, and mechanical interaction with the environment. Through lectures, seminar discussions, and student presentations based on readings, students are introduced to topics related to biomechanical performance.

Course Notes: **One 1.5-hour lab/primary literature discussion per week with hours to be arranged.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science

Organismic & Evolutionary Biol 190

Biology and Diversity of Birds (143846)

Scott Edwards

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 18

An introduction to the biology of birds. Covers the fossil record and theories for avian origins, physiology and anatomy, higher-level systematics and field characters of the ~27 orders, speciation processes, nesting and courtship behavior, vocalizations, mating systems and sexual selection, cooperative breeding, demography and conservation. Optional field trip during spring break. Laboratories will consist of gross anatomy, bird watching excursions in the Cambridge area, field techniques and specimen preparation, and systematic study of avian groups using the collections of the Museum of Comparative Zoology.

Course Notes: **OEB 10 or OEB 53 or permission of the instructor. Students in their third and fourth years are encouraged to enroll in the course.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Organismic & Evolutionary Biol 212R

Advanced Topics in Plant Physiology (131261)

Noel Holbrook

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A critical discussion of current research in plant physiology including measurement techniques, modeling, and experimental approaches. In 2019, the focus will be on roots and soils. We will take a two-pronged approach: we will read papers on root hydraulics and soil physics to understand how plants obtain water from the soil and we will read historical accounts of drought and salinization, including the American dust bowl and the Tigris/Euphrates deltas. We will also consider soil water resources in the context of climate change.

Recommended Prep: **OEB 52, OEB 120, or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Organismic & Evolutionary Biol 213

Evolutionary Convergence, Mass Extinctions, and the Shape of Life (213310)

Javier Ortega-Hernandez

2019 Fall (4 Credits) **Schedule:** R 0945 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Understanding the origin of major animal groups and the composition of the biosphere represents a core objective of evolutionary biology. While molecular techniques allow us to reconstruct phylogenetic relationships between living animal phyla, as well as track the developmental mechanisms behind their morphology, extant diversity offers an incomplete view of the evolution of these organisms. We will examine how processes acting through deep time affect fundamental biodiversity patterns, including topics such as the origin of animals, the rapid diversification of major clades, and the impact of extinction. Our aim is to convey a sense of how evolutionary thinking has changed over the past few decades thanks to a combination of conceptual and technical advances, and to instill a sense of the importance of the animal fossil record as a source of data with a uniquely historical component among the biological sciences.

Recommended Prep: **At least one of the following courses, or their equivalent, are encouraged: OEB 51, OEB 53, OEB 56, OEB 181.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Organismic & Evolutionary Biol 218

Ecosystem Restoration (215786)

David Moreno Mateos

2020 Spring (4 Credits) **Schedule:** F 0900 AM - 1159 AM

Instructor Permissions: Instructor **Enrollment Cap:** 5

Given the current speed of habitat and species loss caused by human development, the restoration of degraded ecosystem is one of the greatest challenges humankind is facing. For this reason, the United Nations declared 2021-2030 as the UN Decade of Ecosystem Restoration. This global effort will need from experts on ecosystem science, management and design to have a deep understanding of how ecosystems recover from human disturbance and how we can use this knowledge to increase the currently limited performance of restoration practice. This course is particularly suited for students with interests in nature conservation, the natural component of landscape architecture, or ecosystem management in a broad sense. In this course, we will create a multidirectional learning environment where we all will learn from the others to address real world restoration cases in all kinds of habitats, from forests to marine ecosystems. Students will have a particular real case assignment where the student will dig to the deepest possible level to increase biodiversity and ecosystem functionality through an understanding of the complexity that structures ecosystems. We will have key inputs from guest lectures coming from restoration companies with many years of experience restoring ecosystems worldwide. They will help us find targeted tools to support and design ecosystems both in urban and natural environments. We will increase our understanding of what nature is for humans and the Earth system and will increase our connection to it through field trips. In the fields trip, we will explore ecosystem complexity in New England's recovering forests (like the Harvard Forest) and discuss with mangers the keys for restoration success and failure on the ground. Evaluations will be made through a combination of assignments, essays, and discussion participation. Basic previous knowledge on ecology is required. This course will arm students with one of the most important tools to work with and for nature in the coming decades.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

Organismic & Evolutionary Biol 223

Topics in Neurogenetics (145012)

Yun Zhang

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

We will discuss current literatures about genetic effects on neural functions. The topics will include: (1) mental illness; (2) neurodegenerative diseases; (3) innate behaviors; (4) learning and memory.

Course Notes: **The course is primarily planned for new graduate students, but it is also open to interested senior undergraduates who have taken OEB 57 (formerly BS 57) or MCB 80 and obtained permission from the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Organismic & Evolutionary Biol 253R

Evolutionary Genetics Seminar (131584)

John Wakeley

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Readings and discussion of primary literature in population and evolutionary genetics.

Recommended Prep: **OEB 152 or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Organismic & Evolutionary Biol 275R

Phylogenetics and Phylogeography in the Era of Genomics (143845)

Scott Edwards

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The course will review the recent literature on methods of analysis in phylogenomics and phylogeography, with particular attention to analysis of large-scale data sets; accommodating gene tree heterogeneity; adequacy of models at the level of DNA sequence evolution and demographic history; and estimation of critical parameters of population history, such as phylogenetic relationships, reticulate evolutionary histories, rates of gene flow and species boundaries. Beginning with introductory lectures on neutral theory and coalescent theory as background, later weekly sessions will consist of presentations led by students and by local experts, including hands-on sessions working with state-of-the-art software.

Course Notes: **Participants should have an account on the FAS Research Computing Odyssey cluster prior to course beginning.**

Recommended Prep: **OEB 53, OEB 181, OEB 125 or equivalent, or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Organismic & Evolutionary Biol 290

Microbial Sciences: Chemistry, Ecology and Evolution (124109)

Michael Gilmore

2020 Spring (4 Credits) **Schedule:** F 0845 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 20

This is an interdisciplinary graduate-level and advanced undergraduate-level course in which students explore topics in molecular microbiology, microbial diversity, and microbially-mediated geochemistry in depth. This course will be taught by faculty from the Microbial Sciences Initiative. Topics include the origins of life, biogeochemical cycles, microbial diversity, and ecology. Course will limit enrollment to 20 students.

Course Notes: **Also offered as Microbiology 210.**

Recommended Prep: **For advanced undergraduates, Life Sciences 1a and 1b are required, or permission of instructor. MCB 52 is recommended.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

Organismic & Evolutionary Biol 299R

Forest Practice and Research (143232)

David Foster

2020 Spring (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Field and laboratory research into the history, biology, ecology, culture, and economic problems of local, regional, and world forests. Individual research projects.

Course Notes: **The regular weekly class meeting day and time will be determined at the first meeting.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Organismic & Evolutionary Biol 303

Theoretical Population Genetics (131537)

John Wakeley

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Organismic & Evolutionary Biol 303

Theoretical Population Genetics (131537)

John Wakeley

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Graduate Course

Organismic & Evolutionary Biol 304

Mycology (141338)

Donald Pfister

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Organismic & Evolutionary Biol 304

Mycology (141338)

Donald Pfister

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Organismic & Evolutionary Biol 305

The Fundamental Interconnectedness of All Things (133893)

David Haig

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Organismic & Evolutionary Biol 305

The Fundamental Interconnectedness of All Things (133893)

David Haig

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Organismic & Evolutionary Biol 306

Invertebrate Paleobiology and Evolution (212593)

Javier Ortega-Hernandez

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Organismic & Evolutionary Biol 306

Invertebrate Paleobiology and Evolution (212593)

Javier Ortega-Hernandez

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Organismic & Evolutionary Biol 307

Biomechanics, Physiology and Musculoskeletal Biology (146785)

Andrew Biewener

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Organismic & Evolutionary Biol 307

Biomechanics, Physiology and Musculoskeletal Biology (146785)

Andrew Biewener

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Organismic & Evolutionary Biol 308

Evolution of Floral Developmental Mechanisms (142234)

Elena Kramer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Organismic & Evolutionary Biol 308

Evolution of Floral Developmental Mechanisms (142234)

Elena Kramer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Organismic & Evolutionary Biol 309

Evolution, Genomics, and Speciation (156737)

James Mallet

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Organismic & Evolutionary Biol 309

Evolution, Genomics, and Speciation (156737)

James Mallet

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Organismic & Evolutionary Biol 310

Metazoan Systematics (148072)

Gonzalo Giribet

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Organismic & Evolutionary Biol 310

Metazoan Systematics (148072)

Gonzalo Giribet

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Organismic & Evolutionary Biol 311

Ecosystem Ecology (143020)

Paul Moorcroft

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Organismic & Evolutionary Biol 311

Ecosystem Ecology (143020)

Paul Moorcroft

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Organismic & Evolutionary Biol 314

Landscape Ecology (213667)

Andrew Davies

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Organismic & Evolutionary Biol 314

Landscape Ecology (213667)

Andrew Davies

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Organismic & Evolutionary Biol 320

Biomechanics and Evolution of Vertebrates (131538)

George Lauder

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course

FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Organismic & Evolutionary Biol 320

Biomechanics and Evolution of Vertebrates (131538)

George Lauder

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Organismic & Evolutionary Biol 321

Evolution of Regeneration and Development (204093)

Mansi Srivastava

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Organismic & Evolutionary Biol 321

Evolution of Regeneration and Development (204093)

Mansi Srivastava

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Organismic & Evolutionary Biol 323

Advanced Vertebrate Anatomy (144847)

Stephanie Pierce

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Organismic & Evolutionary Biol 323

Advanced Vertebrate Anatomy (144847)

Stephanie Pierce

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Organismic & Evolutionary Biol 324

Molecular Evolution (131405)

Daniel Hartl

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Organismic & Evolutionary Biol 324

Molecular Evolution (131405)

Daniel Hartl

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Organismic & Evolutionary Biol 334

Behavioral Ecology (144912)

Naomi Pierce

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Organismic & Evolutionary Biol 334

Behavioral Ecology (144912)

Naomi Pierce

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Organismic & Evolutionary Biol 339

Whole-Plant Physiology (142435)

Noel Holbrook

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Organismic & Evolutionary Biol 339

Whole-Plant Physiology (142435)

Noel Holbrook

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Organismic & Evolutionary Biol 341

Coevolution (131524)

Brian Farrell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Organismic & Evolutionary Biol 341

Coevolution (131524)

Brian Farrell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Organismic & Evolutionary Biol 343

Microbial Ecology and Symbiosis (131235)

Colleen Cavanaugh

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Organismic & Evolutionary Biol 343

Microbial Ecology and Symbiosis (131235)

Colleen Cavanaugh

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Organismic & Evolutionary Biol 345

Biological Oceanography (141168)

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Organismic & Evolutionary Biol 355

Evolutionary Developmental Biology (146798)

James Hanken

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Organismic & Evolutionary Biol 355

Evolutionary Developmental Biology (146798)

James Hanken

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Organismic & Evolutionary Biol 359

Paleobotany (131437)

Andrew Knoll

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Organismic & Evolutionary Biol 359

Paleobotany (131437)

Andrew Knoll

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Organismic & Evolutionary Biol 361

Somatic Evolution of Cancer (143495)

Martin Nowak

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Organismic & Evolutionary Biol 361

Somatic Evolution of Cancer (143495)

Martin Nowak

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Organismic & Evolutionary Biol 362

Research in Molecular Evolution (148190)

Scott Edwards

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Organismic & Evolutionary Biol 362

Research in Molecular Evolution (148190)

Scott Edwards

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Organismic & Evolutionary Biol 363

Plant Diversity and Evolution (148213)

Charles Davis

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Organismic & Evolutionary Biol 363

Plant Diversity and Evolution (148213)

Charles Davis

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Organismic & Evolutionary Biol 364

Ecological Physiology of Microbes (144166)

Peter Girguis

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Organismic & Evolutionary Biol 364

Ecological Physiology of Microbes (144166)

Peter Girguis

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Organismic & Evolutionary Biol 367

Evolutionary and Ecological Diversity (144580)

Jonathan Losos

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Organismic & Evolutionary Biol 367

Evolutionary and Ecological Diversity (144580)

Jonathan Losos

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Organismic & Evolutionary Biol 369

Molecular Genetics of Neuroscience (145004)

Yun Zhang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Organismic & Evolutionary Biol 369

Molecular Genetics of Neuroscience (145004)

Yun Zhang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Organismic & Evolutionary Biol 370

Mammalian Evolutionary Genetics (145035)

Hopi Hoekstra

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Organismic & Evolutionary Biol 370

Mammalian Evolutionary Genetics (145035)

Hopi Hoekstra

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Organismic & Evolutionary Biol 371

Comparative and Evolutionary Invertebrate Developmental Biology (148304)

Cassandra Extavour

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Organismic & Evolutionary Biol 371

Comparative and Evolutionary Invertebrate Developmental Biology (148304)

Cassandra Extavour

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Organismic & Evolutionary Biol 372

Neural Basis of Learned Motor Behaviors (145451)

Bence Olveczky

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Organismic & Evolutionary Biol 372

Neural Basis of Learned Motor Behaviors (145451)

Bence Olveczky

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Organismic & Evolutionary Biol 375

Evolutionary Dynamics and Population Genetics (146222)

Michael Desai

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Organismic & Evolutionary Biol 375

Evolutionary Dynamics and Population Genetics (146222)

Michael Desai

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Organismic & Evolutionary Biol 380

Neurobiological Basis of Behavior (130822)

Benjamin de Bivort

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Organismic & Evolutionary Biol 380

Neurobiological Basis of Behavior (130822)

Benjamin de Bivort

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Organismic & Evolutionary Biol 385

Natural Selection in Humans and Pathogens (146224)

Pardis Sabeti

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Organismic & Evolutionary Biol 385

Natural Selection in Humans and Pathogens (146224)

Pardis Sabeti

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Organismic & Evolutionary Biol 386

Organismic and Evolutionary Plant Biology (148330)

William Friedman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Organismic & Evolutionary Biol 386

Organismic and Evolutionary Plant Biology (148330)

William Friedman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Organismic & Evolutionary Biol 387

Plant Evolution and Speciation (159947)

Robin Hopkins

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Organismic & Evolutionary Biol 387

Plant Evolution and Speciation (159947)

Robin Hopkins

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Organismic & Evolutionary Biol 399

Topics in Organismic and Evolutionary Biology (148242)

Michael Desai

Scott Edwards

2019 Fall (4 Credits) **Schedule:** W 0530 PM - 0730 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Presents the research interests and experiences of scientists in organismic and evolutionary biology. Specific topics treated vary from year to year.

Course Notes: **Required of all first-year graduate students in Organismic and Evolutionary Biology.**

Class Notes: **Fall 2019 First Meeting Location:**
Museum of Comparative Zoology 101 from 5:30 PM - 7:30 PM:
- Friday, April 5, 2019

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Organismic & Evolutionary Biol 399

Topics in Organismic and Evolutionary Biology (148242)

Michael Desai

Scott Edwards

2020 Spring (4 Credits) **Schedule:** W 0530 PM - 0730 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Presents the research interests and experiences of scientists in organismic and evolutionary biology. Specific topics treated vary from year to year.

Course Notes: **Required of all first-year graduate students in Organismic and Evolutionary Biology.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Subject: Life Sciences

Life Sciences 2

Evolutionary Human Physiology and Anatomy (123674)

Daniel Lieberman

George Lauder

Ian Wallace

2019 Fall (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Why is the human body the way that it is? This course explores human anatomy and physiology from an integrated framework, combining functional, comparative, and evolutionary perspectives on how

organisms work. Major topics, which follow a life-course framework, include embryogenesis, metabolism and energetics, growth and development, movement and locomotion, food and digestion, stress and disease, and reproduction. Also considered is the relevance of human biology to contemporary issues in human health and biology.

Course Notes: **This course includes a weekly 3-hour lab. This course may not be taken Pass/Fail.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Philosophy

Subject: Philosophy

Philosophy 3

The True and the Good (111175)

Bernhard Nickel

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

How you live your life is not just a matter of taste. The basic outlook of value and perspective that each of us adopts as we make decisions large and small are more than mere opinion. They are commitments that are open to deeper understanding and critique. Philosophy is pursuing such understanding and critique, and this course will introduce you to it. The course has a two-fold focus: we will look at some of the central figures and problems of the Western philosophical tradition, including Socrates, Plato, Descartes, Locke, Kant, and Mill. We'll also look at how contemporary writers have responded to this tradition, especially from a feminist and anti-racist perspective. These include Charles Mills, Helen Longino, bell hooks, and Paul Taylor. This course has no prerequisites. Students need not have taken or be enrolled in Expos before taking this course: the course will introduce you to the mechanics and practice of philosophical writing.

Additional Course Attributes:

Attribute	Value(s)
Writing Intensive Course	Yes
FAS: Course Level	Primarily for Undergraduate Students
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Philosophy 6

Ancient Ethics and Modern Morality (133181)

James Doyle

2019 Fall (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An historical introduction to ethics, from the Greeks to, roughly, now. We begin with the concept of virtue in Homer and trace its development through Socrates, Plato, Aristotle, the Stoics and Aquinas. In the modern period we look, in a somewhat skeptical spirit, at the rise of the 'moral' as a supposedly sui generis category of reasons, traits, obligations etc, as this is found in Hume, Kant, Mill and others.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Philosophy 8

Self and World: An Introduction to Early Modern Philosophy (124788)

Alison Simmons

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to some of the major topics and figures of 17th- and 18th-century Western philosophy, and to the skills of close reading, argument construction, and clear writing. We will focus on such metaphysical and epistemological topics as the natures of mind, body and self, the equality of the sexes, the existence of the external world and God, the nature and limits of human knowledge, and the changing relationship between science and philosophy. We will read such philosophers as Rene Descartes, Princess Elisabeth of Bohemia, Margaret Cavendish, John Locke, David Hume, Lady Mary Shepard, and Immanuel Kant. No pre-requisites.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Arts and Humanities
Writing Intensive Course	Yes
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Philosophy 11

Philosophy of Law (156186)

Emilio Mora

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Is there a standing duty to obey the law? What is the relation between law and morality? How should judges interpret the constitution? Does the practice of judicial review compromise democratic values? When and in what manner may the state interfere with the conduct of its citizens? We will discuss these and other questions in this survey course on the philosophy of law. Significant attention will be devoted to questions that lie at the intersection of legal and political philosophy. The final part of the course will be determined in consultation with course participants and will be devoted to philosophical puzzles arising in the law.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Philosophy 14

Morality and the Good Life: An Introduction to Ethics (132738)

Jeffrey Behrends

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

You probably want to live the best life for yourself. But what would that look like? Feeling pleasure, and avoiding pain? Having your desires satisfied? Maybe achieving knowledge, or securing fulfilling relationships? You might also care about living a moral life. But what would that look like? What actions are morally right or wrong, and what makes them that way? In this introduction to ethics, we'll begin by looking at three important theories of the good life: the pleasure theory, the desire-satisfaction theory, and the pluralist theory. We'll then turn to moral theories, investigating the relative strengths and weaknesses of those views that focus only on our actions' consequences, and those that reject this approach. In closing, we'll consider questions about the status of morality. What kind of judgment are we making when we say, for example, that something is morally wrong? Are there moral facts awaiting our discovery? If there are, how did they come to be - are they determined by humans and varying across cultures, like facts about the law or etiquette? Or perhaps determined by God? Or could they somehow have not been determined by anyone, standing as fundamental facts about reality?

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Final Assessment Category	Three-hour Exam

Philosophy 17

Feminist Political Philosophy (203261)

Regina Schouten

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Political philosophy is the project of offering and evaluating answers to normative questions about politics—about how we as a society should get along and share in all the benefits and costs of living cooperatively. The "feminist" in "feminist political philosophy" can be taken to modify different aspects of that project. Unsurprisingly, then, work in feminist political philosophy is extraordinarily diverse. Notwithstanding some in-fighting about the right way to be a feminist political philosopher, this diversity is part of what equips us to make good progress in developing and refining answers to important political questions. Still, we might wonder what unifies these different traditions and methodologies. Many regard "the personal is political" as the unifying insight of contemporary feminist philosophy. This will be the unifying theme for us as well, as we work to better understand that slogan and explore its implications. We will begin by examining foundational work in contemporary political philosophy on theories of justice, as well as feminist challenges to that work. The tradition of liberalism is of particular interest, because the values it celebrates seem at once empowering and problematic from the perspective of feminist political philosophy. Ideals of liberty, individuality, and free choice can be deployed by feminists to critique unjust institutions, but they also appear to shield a great deal of injustice from censure. On the applied side, then, we'll consider some "hard cases" for liberal feminist political philosophers: prostitution, pornography, and the gendered division of labor. Along the way, we'll hear from some more radical voices, and we'll explore intersections between feminism, social class, and race.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Philosophy 18

Human Ethics: A Brief History (141608)

Seth Robertson

2019 Fall (4 Credits) **Schedule:** MWF 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Does might make right? Should a person focus on achieving immortality or on living a simple, happy mortal life? Is morality simply a matter of convention? Why be moral when being immoral could provide access to more wealth, fame, and power? What is the relationship between etiquette and morality? What do people owe a society that has failed in its obligations to its people? How can we identify and resist oppression, marginalization, and injustice? Human beings all over the world have been thinking about, discussing, and debating questions like these for thousands of years. This course aims to look at this history of ethics and moral philosophy from a genuinely inclusive perspective by focusing on ethical thought both from members of traditionally marginalized groups and from areas of the world that typically receive much less attention in academic philosophy and ethics. We will examine ethical thought from ancient Egypt, Mesopotamia, China, India, and Greece, as well as later ethical thought from throughout Africa, the Americas, the Middle East, and Europe. We will emphasize the development of two important critical reading skills: (1) the ability to infer more general ethical frameworks and theories from more narrowly-focused discussions in particular texts, and (2) the ability to infer ways in which the ideas, claims, and arguments in historical ethical texts are morally relevant for one's own life.

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Philosophy 91R

Supervised Reading and Research (110932)

Bernhard Nickel

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Graded independent study under faculty supervision. Interested students need approval of Director of Undergraduate Studies for their topic and must propose a detailed syllabus before the beginning of term.

Course Notes: **Bernhard Nickel and members of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Philosophy 91R

Supervised Reading and Research (110932)

Bernhard Nickel

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 10

Graded independent study under faculty supervision. Interested students need approval of Director of Undergraduate Studies for their topic and must propose a detailed syllabus before the beginning of term.

Course Notes: **Bernhard Nickel and members of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Philosophy 97

Tutorial I (122989)

Bernhard Nickel

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 9

Course Notes: **Required of all concentrators, and for the secondary field in philosophy. Phil 97 is not shopped. Students who plan to take this course should submit their preferences to the Director of Undergraduate Studies' Office before the beginning of term. Please consult the course web site for details and deadlines.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Philosophy 97

Tutorial I (122989)

Bernhard Nickel

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 9

Topic: **Responsibility, Praise, and Bl**

Course Notes: **Required of all concentrators, and for the secondary field in philosophy. Phil 97 is not shopped. Students who plan to take this course should submit their preferences to the Director of Undergraduate Studies' Office before the beginning of term. Please consult the course web site for details and deadlines.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Philosophy 97 Section: 002

Tutorial I (122989)

Bernhard Nickel

2019 Fall (4 Credits) **Schedule:** M 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 9

Topic: **Dignity**

Course Notes: **Required of all concentrators, and for the secondary field in philosophy. Phil 97 is not shopped. Students who plan to take this course should submit their preferences to the Director of Undergraduate Studies' Office before the beginning of term. Please consult the course web site for details and deadlines.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Philosophy 97 Section: 002

Tutorial I (122989)

Bernhard Nickel

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 9

Course Notes: **Required of all concentrators, and for the secondary field in philosophy. Phil 97 is not shopped. Students who plan to take this course should submit their preferences to the Director of Undergraduate Studies' Office before the beginning of term. Please consult the course web site for details and deadlines.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Philosophy 97 Section: 003

Tutorial I (122989)

Bernhard Nickel

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 9

Course Notes: **Required of all concentrators, and for the secondary field in philosophy. Phil 97 is not shopped. Students who plan to take this course should submit their preferences to the Director of Undergraduate Studies' Office before the beginning of term. Please consult the course web site for details and deadlines.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration

Philosophy 97 Section: 004

Tutorial I (122989)

Bernhard Nickel

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 9

Course Notes: **Required of all concentrators, and for the secondary field in philosophy. Phil 97 is not shopped. Students who plan to take this course should submit their preferences to the Director of Undergraduate Studies' Office before the beginning of term. Please consult the course web site for details and deadlines.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Arts and Humanities

Philosophy 98

Tutorial II (116407)

Bernhard Nickel

2019 Fall (4 Credits) **Schedule:** M 0600 PM - 0800 PM

Instructor Permissions: Instructor **Enrollment Cap:** 9

Topic: **Logical Empiricism**

Course Notes: **Required of all concentrators. Open to students pursuing a secondary in philosophy or a joint concentration with philosophy. Phil 98 is not shopped. Students who plan to take this course should submit their preferences to the Director of Undergraduate Studies' Office before the beginning of term. Please consult the course web site for details and deadlines.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Philosophy 98

Tutorial II (116407)

Bernhard Nickel

2020 Spring (4 Credits) **Schedule:** F 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 9

Course Notes: **Required of all concentrators. Open to students pursuing a secondary in philosophy or a joint concentration with philosophy. Phil 98 is not shopped. Students who plan to take this course should submit their preferences to the Director of Undergraduate Studies' Office before the beginning of term. Please consult the course web site for details and deadlines.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Philosophy 98 Section: 002

Tutorial II (116407)

Bernhard Nickel

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 9

Topic: **Rousseau**

Course Notes: **Required of all concentrators. Open to students pursuing a secondary in philosophy or a joint concentration with philosophy. Phil 98 is not shopped. Students who plan to take this course should submit their preferences to the Director of Undergraduate Studies' Office before the beginning of term. Please consult the course web site for details and deadlines.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Philosophy 99

Tutorial - Senior Year (113888)

Bernhard Nickel

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Philosophy 99

Tutorial - Senior Year (113888)

Bernhard Nickel

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Not Available for Cross Registration

Philosophy 107

Plato's Gorgias (205350)

James Doyle

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

A close reading of Plato's Apology and Gorgias, with particular attention paid to the following issues: Socrates' account of his method(s), Plato's implicit critique of Socrates, the nature of philosophical conversation, what Plato intends the dramatic interaction of the characters in the Gorgias to tell us about moral psychology, the role of shame in the Gorgias and in ethics, Callicles' radical skepticism about 'conventional' justice, Socrates'/Plato's proto-theory of the composite soul, Socrates' critique of Athenian politics.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students

Philosophy 108

Aristotle's Practical Philosophy (205352)

Jacob Rosen

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Close reading and discussion of central themes in two of Aristotle's works: the Nicomachean Ethics and the Politics. Questions will include: what role, if any, should a conception of virtue play in a theory of ethics and/or politics, and what role does such a conception in fact play in Aristotle's theory? Is Aristotle's theory egoistic? What are the respective contributions of habit, on the one hand, and reason, on the other, to an agent's acting well? What is the ethical significance of friendship? What roles do justice and civic friendship play in holding a polity together? In addition to our primary texts, we will take some time to discuss recent(-ish) secondary literature.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam

Philosophy 109

Early Chinese Ethics (213581)

Seth Robertson

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Early (Pre-Qin era) China was a hotbed of philosophical activity: scholars developed careful and fascinating ethical views in the context of serious philosophical debates between major schools of thought. This course focuses on some of these ethical debates between Confucian, Mohist, Daoist, and Legalist philosophers in early China. We'll read both classical texts such as the Analects of Confucius, Mengzi, Xunzi, Mozi, and Zhuangzi and important contemporary scholarship on these texts. Several moral questions will be of particular importance: What is the relationship between etiquette and morality? What are the most important virtues to acquire? Should we think of morality and moral development as something natural or artificial? Are we justified in caring more about some people (our closest friends and family) than others? We will have a special focus on three important interpretive themes for the course: (1) How can understanding the particular contours of the debates each scholar is engaged in help us understand their overall views? (2) How does each philosopher's view of human psychology and epistemology constrain, guide, and support their moral theorizing? (3) How can an understanding of early Chinese ethical thought, theory, and debate help enrich contemporary discussions in ethics and moral philosophy? No previous experience or coursework in Chinese philosophy is required for this course.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Philosophy 120

The Rationalists (111716)

Jeffrey McDonough

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

The seventeenth and eighteenth centuries were among the most exciting and revolutionary periods in the history of philosophy. Among the most prominent philosophers working in that period, Descartes, Spinoza and Leibniz have traditionally been grouped together under the label "Continental Rationalists" in virtue of their embrace of systematic metaphysics and emphasis on rational reflection as a source of knowledge. This undergraduate level course aims to provide an overview of the development of early modern rationalism while exploring in detail a number of central issues, arguments and controversies. Topics will include philosophical methodology, skepticism, knowledge, substance, mind-body relations, and the metaphysical foundations of science.

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Philosophy 126

The Philosophy of Emilie du Chatelet (212888)

Jeffrey McDonough

2020 Spring (4 Credits) **Schedule:** T 0900 AM - 1130 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Emilie Du Châtelet is one of the most remarkable figures of the early modern Enlightenment. Overcoming the prejudices of her time, she rose to become a prominent philosopher, author and translator in the first half of the eighteenth century. This seminar will focus on Du Châtelet's magnum opus the Institutions de Physique in which she explicitly attempts to bring together principles and developments of both Newtonian science and Leibnizian philosophy. Topics will include: principles of knowledge, space, time, body, motion, gravity, force and optics.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Philosophy 129

Kant's First Critique (117823)

Samantha Matherne

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

In this course, we will work through Immanuel Kant's Critique of Pure Reason (1781/87). In analyzing this text, we will explore the account of metaphysics, epistemology, and philosophy of mind that Kant defends. More specifically, we will address the negative aspects of his project, including his criticisms of rationalism and empiricism. We will also examine his positive views regarding the nature of the mind, the nature of experience, the metaphysics of transcendental idealism, and the foundations of mathematics and natural science. At the end of the course we will consider the limits and prospects of Kant's critical project. In the former vein, we will discuss concerns pertaining to Kant's view on race. In the latter vein, we will address Kant's hope of building a system of nature and freedom.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Philosophy 133

Art of Living: 19th-Century Philosophy (146886)

Samantha Matherne

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

What does a good life look like? And is a life well led one in which beauty and aesthetics have a central role to play? These are the two questions that will guide us in this survey of various philosophers from the 19th century. Of particular interest to us will be answers defended by Post-Kantian thinkers, such as Schiller, Hegel, Schopenhauer, and Nietzsche.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Philosophy 137

The Later Wittgenstein (113573)

Warren Goldfarb

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A close reading of Ludwig Wittgenstein's *Philosophical Investigations*, focusing on its treatments of the topics of meaning, reference, rule-following, cognition, perception, "the private mental realm" knowledge, skepticism, and the nature of philosophy. Attention to Wittgenstein's philosophical methodology, with its claim to dissolve philosophical problems rather than propose solutions to them.

Recommended Prep: **Two half courses in Philosophy.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

Philosophy 140

Fundamentals of Logic (111424)

W. Hugh Woodin

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to the principles of logic, from the fundamental notions (language, axioms, validity) to the fundamental results (completeness, compactness, Lowenheim-Skolem). There will be additional selected topics from model theory and proof theory as time permits.

Course Notes: **May be taken as a first course in logic by those with some mathematical background (at least a grade of 4 or 5 on the Calculus BC Advanced Placement Exam or equivalent college work, or experience with discrete mathematics).**

Class Notes: **Copies of the textbook: Mathematical Logic (The Berkeley undergraduate course) by Slaman and Woodin will be supplied.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students

Philosophy 141

Frege, Russell, and the Early Wittgenstein (146752)

Warren Goldfarb

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An examination of the beginnings of analytic philosophy, with primary interest in the reformulation of traditional philosophical problems by these three authors and the analytic and logical methods they introduced to treat them.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Philosophy 144

Logic and Philosophy (109447)

Warren Goldfarb

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Three philosophically important results of modern logic: Gödel's incompleteness theorems; Turing's definition of mechanical computability; Tarski's theory of truth for formalized languages. Discusses both mathematical content and philosophical significance of these results.Prerequisite: Some knowledge of deductive logic.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

Philosophy 147

Philosophy of Language (146883)

Bernhard Nickel

2020 Spring (4 Credits) **Schedule:** MW 0430 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Language is of two-fold philosophical interest: intrinsically, it is a complex tool that mediates our relationships with the natural world and with each other. It is also a nexus which reflects metaphysics, epistemology, ethics, and pretty much every other aspect of philosophy. This course will introduce students to theories of language that seek to shed light both on how language works, and what we can learn about other matters from a closer investigation of language. We'll read many of the classic discussions that have given rise to theories of meaning and whole fields, such as linguistics: Frege, Russell, Strawson, Grice, Kaplan, and Kripke, among others. We'll also look at how more recent writers have applied the tools that philosophers of language of past generations have developed, with special attention to feminist concerns. This course has no formal pre-requisites, but students should have taken at least one philosophy course before enrolling in this course so that they have some experience reading and writing philosophy.

Course Notes: **Prerequisites: Two courses in philosophy or linguistics or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

Philosophy 156

Philosophy of Mind (113339)

Cheryl Chen

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An examination of the relation between the mind and the natural world. Topics include: the mind – body problem and proposed solutions to it, consciousness, and mental representation. Readings will consist mostly of influential papers from the latter half of the 20th Century.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Philosophy 162

Virtues and Vices: Proseminar (213582)

Seth Robertson

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

What is the difference between courage and cowardice? Why is being open-minded better than being narrow-minded? Is it good to be independent? What does it mean to be a "good person" and is it desirable or even possible to become one? Are there personality traits that are especially dangerous and damaging to people suffering from and resisting oppression and marginalization? What kind of personality could you cultivate that would give you and those around you the best chances of not only being happy, but of flourishing? In both historical and contemporary ethical thought, an appreciation for the richness, subtlety, and complexity of our moral and intellectual lives has attracted philosophers to approaches we now think of virtue ethical and virtue epistemological, respectively. These approaches broadly seek to answer the question of how we can develop ourselves to be at our moral and intellectual best. In this course, we will start by examining both historical and contemporary approaches to virtue ethics. Then, we will turn to examining recent developments in the burgeoning field of virtue epistemology. Finally, we will examine specific moral, intellectual, civic, social, and executive virtues and vices in more detail. Students will be tasked with identifying and examining in detail the specific virtues they find most important or valuable and the specific vices they find most dangerous in their own lives.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

Philosophy 165

Divine Providence and the Problem of Evil: Proseminar (212884)

Cheryl Chen

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Theists traditionally believe in divine providence: everything that happens is in accordance with God's plan. This leads to two well-known puzzles. First, if God has already decided what we will do ahead of time, how is it that we do anything freely? Second, if God is perfectly benevolent, why does God's plan involve so much human suffering? We will examine these questions, with a focus on how they intersect.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Philosophy 168

Kant's Ethical Theory (123509)

Christine Korsgaard

2019 Fall (4 Credits) **Schedule:** MWF 1200 PM - 0100 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A study of Kant's moral philosophy, based primarily on the *Groundwork of Metaphysics of Morals,* the *Critique of Practical Reason,* and *The Metaphysics of Morals.*

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students

Philosophy 173

Metaethics (156024)

Selim Berker

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A close examination of three metaethical views that take a deflationary approach toward the moral domain: nihilism, relativism, and expressivism.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students

Philosophy 177

Educational Justice: Proseminar (203447)

Regina Schouten

2019 Fall (4 Credits) **Schedule:** T 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 20

This course will explore the kinds of experiences children should have in schools and how those experiences should be distributed. We'll proceed by examining key topics pertaining to educational justice, including competing principles of justice in the distribution of education (egalitarian principles, sufficientarian principles, prioritarian principles, etc.); competing reform agendas; the justifiability and relative priority of different educational aims (education for citizenship, education for career preparation, education for social justice, etc.); the family and its role in educational inequality; and higher education access. In addition to the philosophical contributions to these conversations, we'll read enough of the relevant empirical literature to provide a working understanding of the structure and consequences of schooling in the US. Finally, we'll explore some case studies that look at specific choices that arise in real time for educational decision-makers. These case studies highlight the moral dimensions of decisions about discipline, charter schools, special education, and school districting.

Class Notes: **Students must attend the first session of the course in order to be**

considered, but we will not meet for longer than 75 minutes during that first session, so students can plan to shop other courses during the second half of the seminar time block.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Philosophy 177I

Historical Injustice: Proseminar (218177)

Emilio Mora

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

What is the moral and political significance of past injustice in the history of a political community? In a variety of national contexts, the redress of historical injustice has struck many as both a legitimate and urgent political cause. Others argue that, since both the original victims and perpetrators of historical injustices are dead, there are no persons who have valid claims against these historical episodes nor, at any rate, are there any individuals who can be rightly held responsible for injustices that predate their existence. This course examines the underlying philosophical questions that underpin and sustain these disagreements, focusing on the issues of Injury, Responsibility, and Justice. In the first topic, we examine a number of accounts characterizing the nature, and defending the legitimacy, of historical injustice claimants as well as the main lines of objection to these claims. In the second topic we examine questions of responsibility. Which contemporary parties, if any, can be held responsible for the effects of historical injustice, and what is the basis and nature of their responsibility? In the final topic, we examine some of the questions and difficulties regarding the administration of a scheme of historical rectification, and we will seek to understand the relation of historical rectification to the project of social justice more generally. Would historical injustice claims be made redundant or otherwise be addressed by the implementation of an egalitarian scheme of distributive justice for all? Conversely, do historical injustices give rise to social and political complaints that must be specifically addressed by a scheme of historical rectification?

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Philosophy 179L

Rawls and Liberal Political Philosophy (212885)

Emilio Mora

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

John Rawls's publication of 'A Theory of Justice' in 1971 was an intellectual lighting bolt. He provided a

powerful and systematic defence of an egalitarian liberal framework that reinvigorated Anglo-American political philosophy. Moreover, his philosophical methodology became enormously influential in normative theory, and the questions which preoccupied him set the research agenda for much of the subsequent work in political philosophy. In this course, we will examine contemporary liberal political theory with special attention to Rawls's work. Before engaging his seminal text, we will examine the utilitarian tradition to which Rawls's 'Theory of Justice' was, in part, a critical reaction. We will then consider the later development of Rawls's thought in his book 'Political Liberalism'; a work which updated the argument for the principles he outlined in 'A Theory of Justice' in a way that sought to accommodate the deep and intractable disagreements that citizens in a liberal society have regarding their philosophical, religious, and ethical views. Throughout the course, we will consider a number of direct and indirect critical responses to Rawls's views. Firstly, works that contended with the substantive direction in which Rawls took liberal theory, as well as the justificatory foundation he provided for that theory. Secondly, works that disputed the methodological choices and conceptual framing devices which Rawls's used to approach the subject of political philosophy more broadly.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Philosophy 192

Buddhist Philosophy: Proseminar (159688)

Parimal Patil

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

In this course, we will discuss topics in Indian Buddhist epistemology, ethics, metaphysics, philosophy of action, and philosophy of mind. We will pay particular attention to the arguments that Buddhist philosophers used to defend their views and respond to their critics. In addition to understanding these arguments in their historical contexts, we will ask what we can learn from then today and, when relevant, assess how they are being used in contemporary philosophy.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Philosophy 193

Indian Philosophy (214604)

Parimal Patil

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Classical Indian philosophy is one of the great philosophical traditions of the world. Debates between rival

philosophers on topics such as the sources of knowledge, the meaning of words and sentences, moral motivation, the nature of persons, and consciousness inspired generations of their successors. In this course, we will engage with some of the great debates in Indian philosophy. We will situate these debates in their historical contexts and inquire into what we can learn from them today.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Philosophy 208A

Aristotle on Motion (212916)

Jacob Rosen

Mark Schiefsky

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

We will study Aristotle's writings on the philosophy and science of motion. Our main texts will be Aristotle's *Physics* and *On Generation and Corruption*. If time permits, we may explore how certain themes played out in later thinkers, such as Galileo.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Philosophy 220

The Rationalists: Seminar (114129)

Jeffrey McDonough

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

The seventeenth and eighteenth centuries were among the most exciting and revolutionary periods in the history of philosophy. Among the most prominent philosophers working in that period, Descartes, Spinoza and Leibniz have traditionally been grouped together under the label "Continental Rationalists" in virtue of their embrace of systematic metaphysics and emphasis on rational reflection as a source of knowledge. This graduate-level course aims to provide an overview of the development of early modern rationalism while exploring in detail a number of central issues, arguments and controversies. Topics will include philosophical methodology, skepticism, knowledge, substance, mind-body relations, and the metaphysical foundations of science.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Philosophy 239

Special Topics in European Philosophy: Later Heidegger: Seminar (213403)

Sean Kelly

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This seminar will address a series of major works written by Martin Heidegger during the later period of his career, especially 1930-1970. A central theme of these works is the question of the proper dignity of human being. I hope to present a manuscript of my own that addresses this theme in the context of Heidegger's later period.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Philosophy 240G

Greek Philosophical Texts (212876)

Jacob Rosen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Philosophy 240G

Greek Philosophical Texts (212876)

Jacob Rosen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Philosophy 240L

Latin Philosophical Texts (212877)

Jeffrey McDonough

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

Philosophy 245

Exploring the Frontiers of Incompleteness: Seminar (212886)

Peter Koellner

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

The independence results demonstrate that the standard axioms of mathematics (ZFC) are incomplete in the sense that there are basic questions of mathematics that cannot be resolved, one way or the other, by these axioms. This leads to the search for new axioms -- axioms which are both justified and sufficiently strong to resolve the questions left undecided by the standard axioms. In this course we will provide a rational reconstruction of the history of the search for new axioms, detailing the best case that we presently have for new axioms, and underscoring challenges for the future. Topics include: Apriority, Justification, Explanation, Realism.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Philosophy 255

Ordinary Language Philosophy: Seminar (212878)

Warren Goldfarb

2019 Fall (4 Credits) **Schedule:** F 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

The central writings of Gilbert Ryle and J. L. Austin, along with the "Oxford school" that they spawned in the 1950s. Attention to the nature of the philosophical methodologies they exemplified, and comparison with Wittgenstein's practices. Examination of the sharp opposition they elicited, particularly from Paul Grice, and the revival of interest in Austin in the last decade.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities

Philosophy 258

Perception (205354)

Susanna C. Siegel

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

In this seminar we'll discuss a range of contemporary issues in the philosophy of perception, including some of the epistemic and metaphysical relationships between perception and imagination, and their epistemic consequences.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Philosophy 265A

Modern Moral Philosophy and the History of Ethics (213418)

James Doyle

2019 Fall (4 Credits) **Schedule:** T 0100 PM - 0400 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

In her 1958 paper 'Modern Moral Philosophy', Elizabeth Anscombe argued that the vocabulary of morality, understood as expressing a sui generis concept delimiting a special class of obligations, reasons, considerations, traits of character and so on, was literally meaningless. She presented a sketch of the history of ethics intended to make plausible the claims that (i) the form of practical necessity to which the language of morality tries to give expression is a non-teleological form characteristic of authoritative commands; (ii) this form is inherited from the predecessor ethical culture of Christianity which conceived of ethics partly in terms of divine command; and (iii) the vocabulary of morality is senseless because the

language in which this form of practical necessity is expressed presupposes for its intelligibility the reality of a divine legislator. In this seminar we will examine major works in the history of ethics, starting with Plato, to see whether the evolution of ethics supports Anscombe's critique of the moral vocabulary.

Class Notes: **Please note that this course will meet at MIT and note also changed semester start and end dates to reflect MIT schedule.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Philosophy 267

Normative Categories: Seminar (212887)

Selim Berker

2020 Spring (4 Credits) **Schedule:** F 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Recent work on the structure, nature, and basis of various normative categories, such as the evaluative (good, bad, better, and so on) and the deontic (required, permitted, forbidden, and so on). Special attention will be paid to the hypothesis that the fitting (merited, warranted, apt, and so on) is a distinct normative category beyond these familiar two. Applications in ethics and epistemology will be considered.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Philosophy 273O

Objectivity and Subjectivity (212879)

Amartya Sen

Eric Maskin

Barry Mazur

2019 Fall (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

What genre of items (viewpoints, assertions, etc.) can or should fall under the categories "objective," "subjective," or "neither"? What functions do these terms serve? What would we lose or gain if we simply erased them from our thoughts? How have they been used historically and more recently? How is objective knowledge reconcilable with positional variation of observations?

We will review a broad literature devoted to these themes. We will also pick specific examples from contemporary economics, sociology, mathematics, philosophy, and physics. Students are expected to

participate fully in classroom discussions. There are no formal prerequisites except for facility with formal reasoning.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Philosophy 278

Racial Justice (212880)

Tommie Shelby

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This is a course in social and political philosophy that critically examines recent work on questions of racial justice: What is racism, and what makes it wrong? What makes racial discrimination unjust? What principles of corrective justice should guide our responses to past and ongoing racial injustices? Is legislation to prohibit racist hate speech or the public display of racist symbols ever justified? Are reparations owed for past racial injustices? Is racial profiling ever permissible? Under what conditions should we regard racial disparities (e.g., in wealth, employment, or incarceration) as unjust? Should government foster racial integration or prohibit self-segregation in schools and neighborhoods? Is affirmative action unfair? Is a truly just society a "color-blind" or "post-racial" society?

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities

Philosophy 279

Topics in Political Philosophy (159754)

Regina Schouten

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

We'll explore current and ongoing debates in political philosophy, including the debates over the subject matter of justice, over relational and distributive egalitarianism, and over duties of justice in non-ideal circumstances

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Philosophy 299HFA

Individual Supervision (122956)

Mark Richard

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Required of candidates for the AM or PhD in Philosophy. Consult the Department's Supplement to the General Announcement for details.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
Full Year Course	Indivisible Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Philosophy 299HFB

Individual Supervision (160664)

Mark Richard

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Required of candidates for the AM or PhD in Philosophy. Consult the Department's Supplement to the General Announcement for details.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
Course Search Attributes	Display Only in Course Search
Full Year Course	Indivisible Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Philosophy 300AA

Colloquium (116505)

Ned Hall

Alison Simmons

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A close reading of large portions of Hume's Treatise – a breathtakingly ambitious work that attempts to treat a dizzying array of philosophical questions in metaphysics, epistemology, and other areas – paired with important contemporary readings on the very same questions. In addition to an intense focus on building a range of key philosophical skills, this seminar will also explicitly devote itself to helping new graduate students find a firm and comfortable footing within the department.

Course Notes: **Limited to first-year graduate students in the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Philosophy 300AB

First Year Colloquium (213453)

Ned Hall

Alison Simmons

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A close reading of large portions of Hume's Treatise – a breathtakingly ambitious work that attempts to treat a dizzying array of philosophical questions in metaphysics, epistemology, and other areas – paired with important contemporary readings on the very same questions. In addition to an intense focus on building a range of key philosophical skills, this seminar will also explicitly devote itself to helping new graduate students find a firm and comfortable footing within the department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Philosophy 300B

Colloquium (118065)

Selim Berker

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Continuation of Philosophy 300aa.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Philosophy 301

Teaching (212565)

Mark Richard

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course replaces the former TIME-T—teaching. Graduate students register for this course while serving as TFs to indicate that appropriate independent work is replacing numbered courses.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Philosophy 301

Teaching (212565)

Mark Richard

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course replaces the former TIME-T—teaching. Graduate students register for this course while serving as TFs to indicate that appropriate independent work is replacing numbered courses.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Philosophy 302

Research (212566)

Mark Richard

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course replaces the former TIME-C—independent study.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Philosophy 302

Research (212566)

Mark Richard

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course replaces the former TIME-C—independent study.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Philosophy 303

Colloquium: Dissertation Presentations (109294)

Susanna C. Siegel

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Philosophy 303

Colloquium: Dissertation Presentations (109294)

Susanna C. Siegel

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Philosophy 305

Individual Reading and Research (113934)

Jeffrey Behrends

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
No FAINFO	300 or 3000 level class, do not generate FAINFO
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Philosophy 305

Individual Reading and Research (113934)

Selim Berker

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Philosophy 305 Section: 005

Individual Reading and Research (113934)

Selim Berker

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Philosophy 305 Section: 005

Individual Reading and Research (113934)

Warren Goldfarb

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Philosophy 305 Section: 006

Individual Reading and Research (113934)

Cheryl Chen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Philosophy 305 Section: 007

Individual Reading and Research (113934)

Ned Hall

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Philosophy 305 Section: 007

Individual Reading and Research (113934)

James Doyle

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Philosophy 305 Section: 009

Individual Reading and Research (113934)

Sean Kelly

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Philosophy 305 Section: 010

Individual Reading and Research (113934)

Peter Koellner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Philosophy 305 Section: 010

Individual Reading and Research (113934)

Warren Goldfarb

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Philosophy 305 Section: 011

Individual Reading and Research (113934)

Christine Korsgaard

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Philosophy 305 Section: 012

Individual Reading and Research (113934)

Samantha Matherne

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Philosophy 305 Section: 013

Individual Reading and Research (113934)

Jeffrey McDonough

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Philosophy 305 Section: 014

Individual Reading and Research (113934)

Richard Moran

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Philosophy 305 Section: 015

Individual Reading and Research (113934)

Bernhard Nickel

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Philosophy 305 Section: 017

Individual Reading and Research (113934)

Mark Richard

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Philosophy 305 Section: 018

Individual Reading and Research (113934)

Susanna Rinard

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Philosophy 305 Section: 019

Individual Reading and Research (113934)

Thomas M. Scanlon

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Philosophy 305 Section: 020

Individual Reading and Research (113934)

Amartya Sen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Philosophy 305 Section: 020

Individual Reading and Research (113934)

Ned Hall

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Philosophy 305 Section: 021

Individual Reading and Research (113934)

Tommie Shelby

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Philosophy 305 Section: 022

Individual Reading and Research (113934)

Susanna C. Siegel

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Philosophy 305 Section: 023

Individual Reading and Research (113934)

Alison Simmons

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Philosophy 305 Section: 024

Individual Reading and Research (113934)

W. Hugh Woodin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Philosophy 305 Section: 026

Individual Reading and Research (113934)

Samantha Matherne

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Philosophy 305 Section: 026

Individual Reading and Research (113934)

Jacob Rosen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Philosophy 305 Section: 027

Individual Reading and Research (113934)

Regina Schouten

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Philosophy 305 Section: 028

Individual Reading and Research (113934)

Lucas Stanczyk

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Philosophy 305 Section: 050

Individual Reading and Research (113934)

Sean Kelly

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Philosophy 305 Section: 060

Individual Reading and Research (113934)

Peter Koellner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Philosophy 305 Section: 070

Individual Reading and Research (113934)

Christine Korsgaard

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Philosophy 305 Section: 080

Individual Reading and Research (113934)

2020 Spring (4 Credits) **Schedule:**

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Philosophy 305 Section: 090

Individual Reading and Research (113934)

Richard Moran

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Philosophy 305 Section: 100

Individual Reading and Research (113934)

Bernhard Nickel

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Philosophy 305 Section: 110

Individual Reading and Research (113934)

Mark Richard

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Philosophy 305 Section: 120

Individual Reading and Research (113934)

Susanna Rinard

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Philosophy 305 Section: 130

Individual Reading and Research (113934)

Jacob Rosen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Philosophy 305 Section: 140

Individual Reading and Research (113934)

Thomas M. Scanlon

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Philosophy 305 Section: 150

Individual Reading and Research (113934)

Regina Schouten

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Philosophy 305 Section: 160

Individual Reading and Research (113934)

Amartya Sen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Philosophy 305 Section: 170

Individual Reading and Research (113934)

Tommie Shelby

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Philosophy 305 Section: 180

Individual Reading and Research (113934)

Susanna C. Siegel

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Philosophy 305 Section: 190

Individual Reading and Research (113934)

Alison Simmons

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Philosophy 305 Section: 200

Individual Reading and Research (113934)

Lucas Stanczyk

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Philosophy 305 Section: 210

Individual Reading and Research (113934)

W. Hugh Woodin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Philosophy 311

Workshop in Moral and Political Philosophy (115778)

Mark Richard

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A forum for the presentation and discussion of work in progress by students in moral and political philosophy. Open only to graduate students in the Philosophy Department or by invitation of the instructors.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Philosophy 311

Workshop in Moral and Political Philosophy (115778)

Christine Korsgaard

Selim Berker

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A forum for the presentation and discussion of work in progress by students in moral and political philosophy. Open only to graduate students in the Philosophy Department or by invitation of the instructors.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Philosophy 312

Workshop in Metaphysics and Epistemology (118757)

Bernhard Nickel

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A forum for the presentation and discussion of work in progress by students in metaphysics and epistemology. Open only to graduate students in the Philosophy Department or by invitation of the instructors.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Philosophy 312

Workshop in Metaphysics and Epistemology (118757)

Susanna C. Siegel

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A forum for the presentation and discussion of work in progress by students in metaphysics and epistemology. Open only to graduate students in the Philosophy Department or by invitation of the instructors.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Philosophy 315HFA

Instructional Styles in Philosophy (125184)

Samantha Matherne

2019 Fall (2 Credits) **Schedule:** T 1200 PM - 0100 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

Course is required for graduate students in their first year of teaching; optional for students in their second year of teaching. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Indivisible Course
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Philosophy 315HFB

Instructional Styles in Philosophy (160665)

Regina Schouten

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course is required for graduate students in their first year of teaching; optional for students in their second year of teaching. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
Course Search Attributes	Display Only in Course Search
FAS Divisional Distribution	None
Full Year Course	Indivisible Course

Philosophy 316AR

Embedded EthiCS Teaching Lab (213558)

Jeffrey Behrends

2019 Fall (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

The Embedded EthiCS Teaching Lab is a forum for advancing work related to the creation, implementation, revision, and distribution of ethics modules to be used in Computer Science courses and shared on the Embedded EthiCS website. Graduate Fellows workshop their modules in development with all members of the lab, and also consult directly with Postdoctoral Fellows and faculty in philosophy and computer science.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Philosophy 316AR

Embedded EthiCS Teaching Lab (213558)

Jeffrey Behrends

2020 Spring (4 Credits) **Schedule:** M 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

The Embedded EthiCS Teaching Lab is a forum for advancing work related to the creation, implementation, revision, and distribution of ethics modules to be used in Computer Science courses and shared on the Embedded EthiCS website. Graduate Fellows workshop their modules in development with all members of the lab, and also consult directly with Postdoctoral Fellows and faculty in philosophy and computer science.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Philosophy 333

Preparation for the Topical Examination (111147)

Selim Berker

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Philosophy 333

Preparation for the Topical Examination (111147)

Selim Berker

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Philosophy 333 Section: 003

Preparation for the Topical Examination (111147)

Warren Goldfarb

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Philosophy 333 Section: 004

Preparation for the Topical Examination (111147)

Ned Hall

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Philosophy 333 Section: 006

Preparation for the Topical Examination (111147)

Sean Kelly

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Philosophy 333 Section: 008

Preparation for the Topical Examination (111147)

Peter Koellner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Philosophy 333 Section: 009

Preparation for the Topical Examination (111147)

Christine Korsgaard

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Philosophy 333 Section: 010

Preparation for the Topical Examination (111147)

Jeffrey McDonough

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Philosophy 333 Section: 010

Preparation for the Topical Examination (111147)

Warren Goldfarb

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Philosophy 333 Section: 011

Preparation for the Topical Examination (111147)

Richard Moran

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Philosophy 333 Section: 012

Preparation for the Topical Examination (111147)

Bernhard Nickel

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Philosophy 333 Section: 013

Preparation for the Topical Examination (111147)

Mark Richard

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Philosophy 333 Section: 014

Preparation for the Topical Examination (111147)

Susanna Rinard

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Philosophy 333 Section: 015

Preparation for the Topical Examination (111147)

Jacob Rosen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Philosophy 333 Section: 016

Preparation for the Topical Examination (111147)

Thomas M. Scanlon

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Philosophy 333 Section: 017

Preparation for the Topical Examination (111147)

Amartya Sen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Philosophy 333 Section: 018

Preparation for the Topical Examination (111147)

Tommie Shelby

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Philosophy 333 Section: 019

Preparation for the Topical Examination (111147)

Susanna C. Siegel

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Philosophy 333 Section: 020

Preparation for the Topical Examination (111147)

Ned Hall

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Philosophy 333 Section: 020

Preparation for the Topical Examination (111147)

Alison Simmons

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Philosophy 333 Section: 021

Preparation for the Topical Examination (111147)

W. Hugh Woodin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Philosophy 333 Section: 022

Preparation for the Topical Examination (111147)

Regina Schouten

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Philosophy 333 Section: 023

Preparation for the Topical Examination (111147)

Lucas Stanczyk

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Philosophy 333 Section: 030

Preparation for the Topical Examination (111147)

Samantha Matherne

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Philosophy 333 Section: 050

Preparation for the Topical Examination (111147)

Sean Kelly

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Philosophy 333 Section: 060

Preparation for the Topical Examination (111147)

Peter Koellner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Philosophy 333 Section: 070

Preparation for the Topical Examination (111147)

Christine Korsgaard

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Philosophy 333 Section: 080

Preparation for the Topical Examination (111147)

Jeffrey McDonough

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Philosophy 333 Section: 090

Preparation for the Topical Examination (111147)

Richard Moran

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Philosophy 333 Section: 100

Preparation for the Topical Examination (111147)

Bernhard Nickel

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Philosophy 333 Section: 110

Preparation for the Topical Examination (111147)

Mark Richard

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Philosophy 333 Section: 120

Preparation for the Topical Examination (111147)

Susanna Rinard

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Philosophy 333 Section: 130

Preparation for the Topical Examination (111147)

Jacob Rosen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Philosophy 333 Section: 140

Preparation for the Topical Examination (111147)

Thomas M. Scanlon

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Philosophy 333 Section: 150

Preparation for the Topical Examination (111147)

Regina Schouten

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Philosophy 333 Section: 160

Preparation for the Topical Examination (111147)

Amartya Sen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Philosophy 333 Section: 170

Preparation for the Topical Examination (111147)

Tommie Shelby

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Philosophy 333 Section: 180

Preparation for the Topical Examination (111147)

Susanna C. Siegel

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Philosophy 333 Section: 190

Preparation for the Topical Examination (111147)

Alison Simmons

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Philosophy 333 Section: 200

Preparation for the Topical Examination (111147)

Lucas Stanczyk

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Philosophy 333 Section: 210

Preparation for the Topical Examination (111147)

W. Hugh Woodin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Philosophy 333 Section: 220

Preparation for the Topical Examination (111147)

Samantha Matherne

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required in both fall and spring terms of all third-year graduate students in the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Philosophy 344

Logic Colloquium (213419)

Peter Koellner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Philosophy 344

Logic Colloquium (213419)

Peter Koellner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Philosophy 399

Direction of Doctoral Dissertations (112838)

Selim Berker

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Philosophy 399

Direction of Doctoral Dissertations (112838)

Selim Berker

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Philosophy 399 Section: 003

Direction of Doctoral Dissertations (112838)

Warren Goldfarb

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Philosophy 399 Section: 004

Direction of Doctoral Dissertations (112838)

Ned Hall

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Philosophy 399 Section: 007

Direction of Doctoral Dissertations (112838)

Sean Kelly

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Philosophy 399 Section: 008

Direction of Doctoral Dissertations (112838)

Peter Koellner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Philosophy 399 Section: 009

Direction of Doctoral Dissertations (112838)

Christine Korsgaard

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Philosophy 399 Section: 010

Direction of Doctoral Dissertations (112838)

Warren Goldfarb

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Philosophy 399 Section: 010

Direction of Doctoral Dissertations (112838)

Jeffrey McDonough

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Philosophy 399 Section: 011

Direction of Doctoral Dissertations (112838)

Richard Moran

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Philosophy 399 Section: 012

Direction of Doctoral Dissertations (112838)

Bernhard Nickel

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Philosophy 399 Section: 013

Direction of Doctoral Dissertations (112838)

Mark Richard

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Philosophy 399 Section: 014

Direction of Doctoral Dissertations (112838)

Susanna Rinard

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Philosophy 399 Section: 015

Direction of Doctoral Dissertations (112838)

Jacob Rosen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Philosophy 399 Section: 016

Direction of Doctoral Dissertations (112838)

Thomas M. Scanlon

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Philosophy 399 Section: 017

Direction of Doctoral Dissertations (112838)

Amartya Sen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Philosophy 399 Section: 018

Direction of Doctoral Dissertations (112838)

Tommie Shelby

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Philosophy 399 Section: 019

Direction of Doctoral Dissertations (112838)

Susanna C. Siegel

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Philosophy 399 Section: 020

Direction of Doctoral Dissertations (112838)

Ned Hall

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Philosophy 399 Section: 020

Direction of Doctoral Dissertations (112838)

Alison Simmons

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Philosophy 399 Section: 021

Direction of Doctoral Dissertations (112838)

W. Hugh Woodin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Philosophy 399 Section: 022

Direction of Doctoral Dissertations (112838)

Lucas Stanczyk

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Philosophy 399 Section: 023

Direction of Doctoral Dissertations (112838)

Regina Schouten

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Philosophy 399 Section: 024

Direction of Doctoral Dissertations (112838)

Samantha Matherne

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Philosophy 399 Section: 050

Direction of Doctoral Dissertations (112838)

Sean Kelly

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Philosophy 399 Section: 060

Direction of Doctoral Dissertations (112838)

Peter Koellner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Philosophy 399 Section: 070

Direction of Doctoral Dissertations (112838)

Christine Korsgaard

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Philosophy 399 Section: 080

Direction of Doctoral Dissertations (112838)

Jeffrey McDonough

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Philosophy 399 Section: 090

Direction of Doctoral Dissertations (112838)

Richard Moran

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Philosophy 399 Section: 100

Direction of Doctoral Dissertations (112838)

Bernhard Nickel

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Philosophy 399 Section: 110

Direction of Doctoral Dissertations (112838)

Mark Richard

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Philosophy 399 Section: 120

Direction of Doctoral Dissertations (112838)

Susanna Rinard

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Philosophy 399 Section: 130

Direction of Doctoral Dissertations (112838)

Jacob Rosen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Philosophy 399 Section: 140

Direction of Doctoral Dissertations (112838)

Thomas M. Scanlon

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Philosophy 399 Section: 150

Direction of Doctoral Dissertations (112838)

Regina Schouten

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Philosophy 399 Section: 160

Direction of Doctoral Dissertations (112838)

Amartya Sen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Philosophy 399 Section: 170

Direction of Doctoral Dissertations (112838)

Tommie Shelby

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Philosophy 399 Section: 180

Direction of Doctoral Dissertations (112838)

Susanna C. Siegel

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Philosophy 399 Section: 190

Direction of Doctoral Dissertations (112838)

Alison Simmons

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Philosophy 399 Section: 200

Direction of Doctoral Dissertations (112838)

Lucas Stanczyk

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Philosophy 399 Section: 210

Direction of Doctoral Dissertations (112838)

W. Hugh Woodin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Philosophy 399 Section: 220

Direction of Doctoral Dissertations (112838)

Samantha Matherne

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Physics

Subject: Physics

Physics 15A

Introductory Mechanics and Relativity (111164)

David Morin

Carey Witkov

Keith Zengel

Amir Yacoby

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Newtonian mechanics and special relativity. Topics include vectors; kinematics in three dimensions; Newton's laws; force, work, power; conservative forces, potential energy; momentum, collisions; rotational motion, angular momentum, torque; static equilibrium, oscillations, simple harmonic motions; gravitation, planetary motion; fluids; special relativity.

Course Notes: **Principles of Scientific Inquiry (PSI) is the laboratory component of Physics 15a. Topics include experimental design, model testing, error analysis, basic programming, oral presentations, and scientific writing. PSI will meet weekly throughout the semester.**

Recommended Prep: **Mathematics preparation at least at the level of Mathematics 1b concurrently is required. However, some elementary ideas from multivariable calculus may be used and students are encouraged to take Mathematics 21a concurrently.**

Additional Course Attributes:

Attribute	Value(s)
Quantitative Reasoning with Data	Yes
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 15A

Introductory Mechanics and Relativity (111164)

Julia Mundy

Keith Zengel

Carey Witkov

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Newtonian mechanics and special relativity. Topics include vectors; kinematics in three dimensions; Newton's laws; force, work, power; conservative forces, potential energy; momentum, collisions; rotational

motion, angular momentum, torque; static equilibrium, simple harmonic motion, damped and driven oscillations; gravitation; fictitious forces; fluids; special relativity.

Course Notes: **Principles of Scientific Inquiry (PSI) is the laboratory component of Physics 15a. Topics include experimental design, model testing, error analysis, basic programming, oral presentations, and scientific writing. PSI will meet weekly throughout the semester.**

Recommended Prep: **Mathematics preparation at least at the level of Mathematics 1b concurrently is required. However, some elementary ideas from multivariable calculus may be used and students are encouraged to take Mathematics 21a concurrently.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
Quantitative Reasoning with Data	Yes

Physics 15B

Introductory Electromagnetism and Statistical Physics (111896)

Cora Dvorkin

Amir Yacoby

Carey Witkov

Keith Zengel

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Electricity and magnetism. Topics include electrostatics, electric currents, magnetic field, electromagnetic induction, Maxwell's equations, electromagnetic radiation, magnetic fields in materials, and some basic notions in kinetic theory, entropy, temperature, and phase transition associated with electricity and magnetism.

Course Notes: **Principles of Scientific Inquiry (PSI) is the laboratory component of Physics 15b. Students use creative problem-solving in applying theoretical topics to explore physical phenomena and design real life applications. Topics include experimental design, model testing, error analysis, basic programming, introductory circuit analysis, and practical applications of electromagnetism. PSI will meet weekly throughout the semester.**

Recommended Prep: **Physics 15a, Physics 16, or written permission of the Head Tutor in Physics. Mathematics preparation at least at the level of Mathematics 21a taken concurrently is required. Vector calculus, (div, grad and curl) are used extensively--in principle, this is taught in the course. Students taking Mathematics 21a concurrently will likely find that some concepts are introduced in Physics 15b before they have seen them in Mathematics 21a. Some students may wish to postpone Physics 15b until they have completed Mathematics 21a.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
Quantitative Reasoning with Data	Yes
FAS: Course Level	Primarily for Undergraduate Students

Physics 15B

Introductory Electromagnetism and Statistical Physics (111896)

Philip Kim

Robert Westervelt

Carey Witkov

Keith Zengel

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Electricity and magnetism. Topics include electrostatics, electric currents, magnetic field, electromagnetic induction, Maxwell's equations, electromagnetic radiation, magnetic fields in materials, and some basic notions in kinetic theory, entropy, temperature, and phase transition associated with electricity and magnetism.

Course Notes: **Principles of Scientific Inquiry (PSI) is the laboratory component of Physics 15b. Students use creative problem-solving in applying theoretical topics to explore physical phenomena and design real life applications. Topics include experimental design, model testing, error analysis, basic programming, introductory circuit analysis, and practical applications of electromagnetism. PSI will meet weekly throughout the semester.**

Recommended Prep: **Physics 15a, Physics 16, or written permission of the Head Tutor in Physics. Mathematics preparation at least at the level of Mathematics 21a taken concurrently is required. Vector calculus, (div, grad and curl) are used extensively--in principle, this is taught in the course. Students taking Mathematics 21a concurrently will likely find that some concepts are introduced in Physics 15b before they have seen them in Mathematics 21a. Some students may wish to postpone Physics 15b until they have completed Mathematics 21a.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
Quantitative Reasoning with Data	Yes
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students

Physics 15C

Wave Phenomena (124154)

Melissa Franklin

Markus Greiner

Dmitriy Beznosko

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Forced oscillation and resonance; coupled oscillators and normal modes; Fourier series; Electromagnetic waves, radiation, longitudinal oscillations, sound; traveling waves; signals, wave packets and group velocity; two- and three-dimensional waves; polarization; geometrical and physical optics; interference and diffraction. Optional topics: Water waves, holography, x-ray crystallography, solitons, music, quantum mechanics, and waves in the early universe.

Course Notes: **Principles of Scientific Inquiry (PSI) is the laboratory component of Physics 15c. Topics include experimental design, model testing, error analysis, basic programming, oral presentations, and scientific writing. PSI will meet weekly throughout the semester.**

Recommended Prep: **Physics 15a, Physics 15b, or written permission of the Head Tutor in Physics. Mathematics preparation at least at the level of Mathematics 21b taken concurrently is required. Some prior knowledge of complex numbers (for example as taught in Mathematics 1b) is helpful. Linear algebra and differential equations are used extensively. Students taking Mathematics 21b concurrently will likely find that some concepts are introduced in Physics 15c before they have seen them in Mathematics 21b. Some students may wish to postpone Physics 15c until they have completed Mathematics 21b.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
Quantitative Reasoning with Data	Yes

Physics 15C

Wave Phenomena (124154)

Matthew Reece

Mara Prentiss

Dmitriy Beznosko

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Forced oscillation and resonance; coupled oscillators and normal modes; Fourier series; Electromagnetic waves, radiation, longitudinal oscillations, sound; traveling waves; signals, wave packets and group velocity; two- and three-dimensional waves; polarization; geometrical and physical optics; interference and

diffraction. Optional topics: Water waves, holography, x-ray crystallography, solitons, music, quantum mechanics, and waves in the early universe.

Course Notes: **Principles of Scientific Inquiry (PSI) is the laboratory component of Physics 15c. Topics include experimental design, model testing, error analysis, basic programming, oral presentations, and scientific writing. PSI will meet weekly throughout the semester.**

Recommended Prep: **Physics 15a, Physics 15b, or written permission of the Head Tutor in Physics. Mathematics preparation at least at the level of Mathematics 21b taken concurrently is required. Some prior knowledge of complex numbers (for example as taught in Mathematics 1b) is helpful. Linear algebra and differential equations are used extensively. Students taking Mathematics 21b concurrently will likely find that some concepts are introduced in Physics 15c before they have seen them in Mathematics 21b. Some students may wish to postpone Physics 15c until they have completed Mathematics 21b.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
Quantitative Reasoning with Data	Yes
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science

Physics 16

Mechanics and Special Relativity (111197)

Howard Georgi

Amir Yacoby

Carey Witkov

Keith Zengel

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Newtonian mechanics and special relativity for students with good preparation in physics and mathematics at the level of the advanced placement curriculum. Topics include oscillators damped and driven and resonance (how to rock your car out of a snow bank or use a swing), an introduction to Lagrangian mechanics and optimization, symmetries and Noether's theorem, special relativity, collisions and scattering, rotational motion, angular momentum, torque, the inertia tensor (dynamic balance), gravitation, planetary motion and a little glimpse of quantum mechanics.

Course Notes: **Principles of Scientific Inquiry (PSI) is the laboratory component of Physics 16. Topics include experimental design, model testing, error analysis, basic programming, oral presentations, and scientific writing. PSI will meet weekly throughout the semester. Emphasis is placed on collaborative teaching and learning. Many class materials are Mathematics notebooks.**

Recommended Prep: **Score of 5 on the mechanics section of the Physics C Advanced Placement exam, or equivalent. Mathematics preparation at least at the**

level of Mathematics 21a taken concurrently is required. Thorough knowledge of calculus of one variable and vectors plus some mathematical sophistication. The mathematical level will be significantly higher than that of Physics 15a. If in doubt, check the Canvas site ahead of time, or email the professor at hgeorgi@fas. harvard.edu, or just shop.

Additional Course Attributes:

Attribute	Value(s)
Quantitative Reasoning with Data	Yes
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Physics 19

Introduction to Theoretical Physics (207005)

Jacob Barandes

2019 Fall (4 Credits) **Schedule:** MWF 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 45

A comprehensive introduction to the foundations of theoretical physics, with a first-principles approach to its five main areas: analytical dynamics, fields, statistical mechanics, relativity, and quantum theory. Specific topics and examples will include Newtonian mechanics, chaos, celestial mechanics, electromagnetism, the Lagrangian and Hamiltonian formulations, the connection between symmetries and conservation laws, relativistic gravitation, black holes, and quantum information. In-class discussions will regularly address relevant issues in the history and philosophy of physics, as well as the conceptual implications of our modern physical theories for making sense of the world around us.

Course Notes: **This course is intended for students from a variety of backgrounds, especially newcomers to physics who are considering further study in the subject. The course is also meant for undergraduate and graduate students in other disciplines—such as math, philosophy, astronomy, biology, chemistry, computer science, and engineering—who are interested in developing a better understanding of theoretical physics either to serve the needs of their academic work or as a first step toward switching their area of study to physics. Cooperation and diversity strengthen our academic community, so the course will prioritize collaboration and aim to provide a welcoming and inclusive environment for students with diverse identities and backgrounds. The instructor will help students form study groups as needed.**

Recommended Prep: **This course will assume a working knowledge of single-variable differential and integral calculus at least at the level of Mathematics 1A, as well as a high comfort level with abstract concepts, but will not assume previous coursework in physics or multivariable calculus. The course will cover relevant topics from vector calculus, complex analysis, linear algebra, and other areas of mathematics as needed, so a prior familiarity with these subjects, while helpful, will not be required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Physics 90R

Supervised Research (111672)

David Morin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Primarily for selected concentrators in Physics, or in Chemistry and Physics, who have obtained honor grades in Physics 15 and a number of intermediate-level courses. The student must be accepted by some member of the faculty doing research in the student's field of interest. The form of the research depends on the student's interest and experience, the nature of the particular field of physics, and facilities and support available. Students wishing to write a senior thesis can do so by arranging for a sponsor and enrolling in this course.

Course Notes: **A list of possible faculty sponsors and their fields is available in Lyman 238 and on the Physics Department Web page. Course enrollment forms may be obtained from Lyman 238.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Physics 90R

Supervised Research (111672)

David Morin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Primarily for selected concentrators in Physics, or in Chemistry and Physics, who have obtained honor grades in Physics 15 and a number of intermediate-level courses. The student must be accepted by some member of the faculty doing research in the student's field of interest. The form of the research depends on the student's interest and experience, the nature of the particular field of physics, and facilities and support available. Students wishing to write a senior thesis can do so by arranging for a sponsor and enrolling in this course.

Course Notes: **A list of possible faculty sponsors and their fields is available in Lyman 238 and on the Physics Department Web page. Course enrollment forms may be obtained from Lyman 238.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Physics 91R

Supervised Reading Course for Undergraduates (110569)

David Morin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Open to selected concentrators in Physics, Chemistry and Physics, and other fields who wish to do supervised reading and studying of special topics in physics. Ordinarily such topics do not include those covered in a regular course of the Department. Honor grades in Physics 15 and a number of intermediate-level courses are ordinarily required. The student must be accepted by a member of the faculty.

Course Notes: **A list of possible faculty sponsors and their fields is available in Lyman 238 and on the Physics Department's website. Course enrollment forms may be obtained from Lyman 238.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Physics 91R

Supervised Reading Course for Undergraduates (110569)

David Morin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Open to selected concentrators in Physics, Chemistry and Physics, and other fields who wish to do supervised reading and studying of special topics in physics. Ordinarily such topics do not include those covered in a regular course of the Department. Honor grades in Physics 15 and a number of intermediate-level courses are ordinarily required. The student must be accepted by a member of the faculty.

Course Notes: **A list of possible faculty sponsors and their fields is available in Lyman 238 and on the Physics Department's website. Course enrollment forms may be obtained from Lyman 238.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 95

Topics in Current Research (111967)

Eric Mazur

2019 Fall (4 Credits) **Schedule:** W 0730 PM - 0845 PM
M 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The goal of this tutorial is twofold. First, students will learn about a range of modern physics research topics from experts at Harvard as well as from one another. Every Wednesday evening a faculty member speaks on his/her area of research, preceded by assigned reading and a student presentation designed to introduce the basic physics, as well as important developments and burning problems at the frontiers of that particular research area. Second, the tutorial provides structured activities to help students develop practical skills for their future careers, expanding knowledge on unfamiliar subjects, participating in discussions, presenting and writing clearly about complex topics, and engaging in self and peer evaluation.

Course Notes: **Primarily for junior and senior concentrators, however interested sophomores are welcome. Individual meetings for students will be held Tuesdays, 9:00am - 10:15am, in Prof. Mazur's office, Pierce 233.**

Class Notes: **Additional one-on-one meetings will be scheduled on Tuesdays from 9: 00-10:15am.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Physics 123

Laboratory Electronics (124108)

Thomas Hayes

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

A lab-intensive introduction to electronic circuit design. Develops circuit intuition and debugging skills through daily hands-on lab exercises, each preceded by class discussion, with minimal use of mathematics and physics. Moves quickly from passive circuits, to discrete transistors, then concentrates on operational amplifiers, used to make a variety of circuits including integrators, oscillators, regulators, and filters. The digital half of the course treats analog-digital interfacing, emphasizes the use of microcontrollers and programmable logic devices (PLDs).

Course Notes: **Physics 123 is the same course as Physics 223; if you are a graduate student, please enroll in 223. Limited to 20 students. Physics 123 is also offered as Engineering Sciences 153. Students may not take both for credit. Undergraduate engineering students should enroll in Engineering Sciences 153.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll

Physics 123

Laboratory Electronics (124108)

Thomas Hayes

David Abrams

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

A lab-intensive introduction to electronic circuit design. Develops circuit intuition and debugging skills through daily hands-on lab exercises, each preceded by class discussion, with minimal use of mathematics and physics. Moves quickly from passive circuits, to discrete transistors, then concentrates on operational amplifiers, used to make a variety of circuits including integrators, oscillators, regulators, and filters. The digital half of the course treats analog-digital interfacing, emphasizes the use of microcontrollers and programmable logic devices (PLDs).

Course Notes: **Physics 123 is the same course as Physics 223; if you are a graduate student, please enroll in 223. Limited to 20 students. Physics 123 is also offered as Engineering Sciences 153. Students may not take both for credit. Undergraduate engineering students should enroll in Engineering Sciences 153.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science

Physics 123 Section: 002

Laboratory Electronics (124108)

Thomas Hayes

David Abrams

2019 Fall (4 Credits) **Schedule:** WF 0130 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

A lab-intensive introduction to electronic circuit design. Develops circuit intuition and debugging skills through daily hands-on lab exercises, each preceded by class discussion, with minimal use of mathematics and physics. Moves quickly from passive circuits, to discrete transistors, then concentrates on operational amplifiers, used to make a variety of circuits including integrators, oscillators, regulators, and filters. The digital half of the course treats analog-digital interfacing, emphasizes the use of microcontrollers and

programmable logic devices (PLDs).

Course Notes: **Physics 123 is the same course as Physics 223; if you are a graduate student, please enroll in 223. Limited to 20 students. Physics 123 is also offered as Engineering Sciences 153. Students may not take both for credit. Undergraduate engineering students should enroll in Engineering Sciences 153.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Physics 125

Widely Applied Physics (120167)

David Morin

2020 Spring (4 Credits) **Schedule:** WF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Uses physics to analyze important technologies and real-world systems. Stresses estimation and "back of the envelope" calculations, as are commonly used by research physicists. New physical concepts are introduced as necessary. Example topics: energy production and storage, nuclear physics, nuclear power and weapons, health effects of radiation, risk analysis, airplanes, spy satellites, rockets, fluids, water waves, mechanical design and failure, global warming, and cosmology. Emphasis is on developing physical intuition and the ability to do order-of-magnitude calculations.

Recommended Prep: **Physics 15a, b, c, and mathematics at the level of Mathematics 21a. Physics 143a and 181 are very helpful, and may be taken concurrently.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 129

Energy Science (125656)

Lene Hau

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Non-fossil energy sources and energy storage are important for our future. We cover four main subjects to which students with a background in physics and physical chemistry could make paradigm changing

contributions: photovoltaic cells, nuclear power, batteries, and photosynthesis. Fundamentals of electrodynamics, statistical/thermal physics, and quantum mechanics are taught as needed to give students an understanding of the topics covered.

Recommended Prep: **Physics 15a (or 16), 15b,c or 11a,b. Pre/co-requisite Physics 143a or Chemistry 160 or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Physics 143A

Quantum Mechanics I (108465)

Masahiro Morii

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to nonrelativistic quantum mechanics: uncertainty relations; Schrödinger equation; Dirac notation; matrix mechanics; one-dimensional problems including particle in box, tunneling, and harmonic oscillator; angular momentum, hydrogen atom, spin, Pauli principle; and if time allows: time-independent perturbation theory; and scattering.

Recommended Prep: **Linear algebra including matrix diagonalization; Physics 15c or written permission of the Head Tutor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll

Physics 143A

Quantum Mechanics I (108465)

Girma Hailu

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to nonrelativistic quantum mechanics: uncertainty relations; Schrödinger equation; Dirac notation; matrix mechanics; one-dimensional problems including particle in box, tunneling, and harmonic oscillator; angular momentum, hydrogen atom, spin, Pauli principle; and if time allows: time-independent perturbation theory; and scattering.

Recommended Prep: **Linear algebra including matrix diagonalization; Physics 15c or written**

permission of the Head Tutor.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll

Physics 143B

Quantum Mechanics II (111731)

Daniel Jafferis

2019 Fall (4 Credits) **Schedule:** WF 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to path integrals, identical particles, many-electron theory, WKB approximation, time-dependent perturbation theory, scattering theory, relativistic quantum mechanics, and basics of quantum information.

Recommended Prep: **Physics 143a.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science

Physics 143B

Quantum Mechanics II (111731)

Girma Hailu

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to path integrals, identical particles, many-electron theory, WKB approximation, time-dependent perturbation theory, scattering theory, relativistic quantum mechanics, and basics of quantum information.

Recommended Prep: **Physics 143a.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Physics 144

Symmetries and Geometry in Quantum Mechanics (109967)

Eugene Demler

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will review the role of symmetries in quantum mechanics. Topics include atomic and molecular symmetries, crystallographic symmetries, spontaneous symmetry breaking and phase transitions, geometrical Berry phases, topological aspects of condensed matter systems. Mathematical basics of group theory will be taught as needed to give students an understanding of the topics covered.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students

Physics 145

Elementary Particle Physics (117719)

Roxanne Guenette

2019 Fall (4 Credits) **Schedule:** WF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to elementary particle physics. Emphasis on concepts and phenomenology rather than on detailed calculational development of theories. Starts with the discovery of the electron in 1897 and ends with the theoretical motivations for the Higgs boson, and attempts to cover everything important in between. Students will also have a brief experience of particle physics research using Atlas experiment open data.

Recommended Prep: **Physics 143a. Physics 143b or equivalent is useful.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
Quantitative Reasoning with Data	Yes
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 151

Mechanics (111231)

Masahiro Morii

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Fundamental ideas of classical mechanics including contact with modern work and applications. Topics include Lagrange's equations, the role of variational principles, symmetry and conservation laws, Hamilton's equations, Hamilton-Jacobi theory and phase space dynamics. Applications to celestial mechanics, quantum mechanics, the theory of small oscillations and classical fields, and nonlinear oscillations, including chaotic systems presented.

Recommended Prep: **Physics 15a, 15b or written permission of the Head Tutor; Mathematics 21a, b or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Physics 153

Electrodynamics (111822)

Girma Hailu

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Aimed at advanced undergraduates. Emphasis on the properties and sources of the electromagnetic fields and on the wave aspects of the fields. Course starts with electrostatics and subsequently develops the Maxwell equations. Topics: electrostatics, dielectrics, magnetostatics, electrodynamics, radiation, wave propagation in various media, wave optics, diffraction and interference. A number of applications of electrodynamics and optics in modern physics are discussed.

Recommended Prep: **Physics 15a, b, and c, or written permission of the Head Tutor; Mathematics 21a, b or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam

Physics 160

Introduction to quantum information (214446)

Mikhail Lukin

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to quantum information science, including quantum computation, communication and metrology. Emphasis on fundamental principles, experimental implementations and applications.

Background and theoretical techniques will be introduced.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 175

Laser Physics and Modern Optical Physics (121941)

Markus Greiner

2020 Spring (4 Credits) **Schedule:** WF 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to laser physics and modern optical physics aimed at advanced undergraduates. Review of electromagnetic theory and relevant aspects of quantum mechanics. Wave nature of light. Physics of basic optical elements. Propagation of focused beams, optical resonators, dielectric waveguides. Interaction of light with matter, introduction to quantum optics. Lasers. Physics of specific laser systems. Introduction to nonlinear optics. Modern applications.

Recommended Prep: **Physics 15b, 15c, 143a, or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science

Physics 181

Statistical Mechanics and Thermodynamics (143450)

Matthew Schwartz

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course provides an introduction to statistical mechanics and thermal physics. It surveys the fundamental elements of classical and quantum statistical mechanics (ensembles and partition functions) and thermodynamics (temperature, heat, work, free energy) and their application to a variety of physical systems. Topics covered may include heat engines, solid-state physics, blackbody radiation, phase transitions, physical chemistry, stellar physics, quantum information, Bose-Einstein condensation, and transport phenomena.

Course Notes: **May not be taken for credit in addition to Engineering Sciences 181.**

Recommended Prep: **Physics 143a or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Physics 191 Section: 001L

Advanced Laboratory (121993)

Isaac Silvera

Jenny Hoffman

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0530 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Students carry out three experimental projects selected from those available representing condensed matter, atomic, nuclear, and particle physics. Included are pulsed nuclear magnetic resonance (with MRI), microwave spectroscopy, optical pumping, Raman scattering, scattering of laser light, nitrogen vacancies in diamond, neutron activation of radioactive isotopes, Compton scattering, relativistic mass of the electron, recoil free gamma-ray resonance, lifetime of the muon, studies of superfluid helium, positron annihilation, superconductivity, the quantum Hall effect, properties of semiconductors, and plasma physics. The facilities of the laboratory include several computer controlled experiments as well as computers for analysis.

Course Notes: **A substantial amount of outside reading is expected. Physics 191 is the same course as Physics 247; if you are a graduate students, please enroll in 247.**

The course is offered in Science Center 204.

Recommended Prep: **Physics 15a or 16, 15b, 15c. Physics 143a is highly recommended; 181 is also useful.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Physics 191 Section: 002

Advanced Laboratory (121993)

Isaac Silvera

Mara Prentiss

Dmitriy Beznosko

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0530 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Students carry out three experimental projects selected from those available representing condensed

matter, atomic, nuclear, and particle physics. Included are pulsed nuclear magnetic resonance (with MRI), microwave spectroscopy, optical pumping, Raman scattering, scattering of laser light, nitrogen vacancies in diamond, neutron activation of radioactive isotopes, Compton scattering, relativistic mass of the electron, recoil free gamma-ray resonance, lifetime of the muon, studies of superfluid helium, positron annihilation, superconductivity, the quantum Hall effect, properties of semiconductors, and plasma physics. The facilities of the laboratory include several computer controlled experiments as well as computers for analysis.

Course Notes: **A substantial amount of outside reading is expected. Physics 191 is the same course as Physics 247; if you are a graduate students, please enroll in 247.**

The course is offered in Science Center 204.

Recommended Prep: **Physics 15a or 16, 15b, 15c. Physics 143a is highly recommended; 181 is also useful.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

Physics 195

Introduction to Solid State Physics (112107)

Julia Mundy

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The physics of crystalline solids and their electric, magnetic, optical, and thermal properties. Designed as a first course in solid-state physics. Topics: free electron model; Drude model; the physics of crystal binding; crystal structure and vibration (phonons); electrons in solids (Bloch theorem) and electronic band structures; metals and insulators; semiconductors (and their applications in pn junctions and transistors); plasmonic excitations and screening; optical transitions; solid-state lasers; magnetism, spin waves, magnetic resonance, and spin-based devices; dielectrics and ferroelectrics; superconductivity, Josephson junctions, and superconducting circuits; electronic transport in low-dimensional systems, quantum Hall effect, and resonant tunneling devices.

Course Notes: **Physics 195 is also offered as Applied Physics 195. Students may not take both for credit.**

Recommended Prep: **Elementary quantum mechanics.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 201

Data Analysis for Physicists (161201)

Vinothan Manoharan

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course covers methods for analyzing experimental data. Students will learn both frequentist and Bayesian frameworks for statistical inference, modern computational methods such as Markov-chain Monte Carlo techniques, and the application to problems in particle physics, biophysics, condensed matter, applied physics, astrophysics, and other fields. The course emphasizes an intuitive, principled approach to data analysis and will involve discussions of ethics and reproducible research.

Course Notes: **This course is suitable for students with limited or rusty programming skills. Students with more advanced programming skills may wish to take APMTH 207 or ENG-SCI 255.**

Recommended Prep: **Research experience commensurate with that of a first-year (or higher) PhD student in experimental physics. Students without such experimental experience must have taken Physics 191 or Physics 247 (or equivalent) first.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
Quantitative Reasoning with Data	Yes

Physics 210

General Theory of Relativity (114266)

Jacob Barandes

2020 Spring (4 Credits) **Schedule:** MWF 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to general relativity: the principle of equivalence, Riemannian geometry, Einstein's field equation, the Schwarzschild solution, the Newtonian limit, experimental tests, black holes.

Recommended Prep: **Physics 143a (quantum mechanics), 151 (mechanics) and 153 (electromagnetism), and Mathematics 21 (multivariable calculus) or equivalents.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Physics 211AR

Topics in Cosmology and Particle Physics (208076)

Lisa Randall

2020 Spring (4 Credits) **Schedule:** W 0900 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will be about particle physics and cosmology, focusing on those aspects of cosmology most relevant to people studying particle model building and phenomenology. Topics will include inflation, dark matter, and dark energy. The course will be seminar style, with presentations by the lecturer and by students. The aim is to gear up for topics relevant to current research.

Course Notes: **Course meetings will start at 9:45am and end at 11:45am.**

Recommended Prep: **General relativity at level of Physics 210 or equivalent. Physics 253a helpful, but not required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Physics 211BR

Quantum Black Holes (117201)

Andrew Strominger

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to our current understanding of the quantum theory of black holes. Topics include: Hawking radiation, the Bekenstein-Hawking entropy/area law, quantum entanglement, two and three-dimensional black holes, microstate counting, asymptotic symmetries, soft hair, holography, chaos bounds and Kerr/CFT. A central focus will be the 'information paradox' concerning the relations between general relativity, quantum mechanics and thermodynamics.

Course Notes: **The actual start time for the course will be 4:00pm, and the course will end at 6:00pm.**

Recommended Prep: **A basic understanding of the classical theory of black holes is assumed.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Physics 211CR

Cosmology and Other Topics (213240)

Ali Kaya

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Standard cosmological model and inflation, scalar inflationary models, cosmological perturbation theory, brief introduction to quantum fields on cosmological backgrounds, interactions and in-in (Keldysh-Schwinger) perturbation theory, non-gaussianities, symmetries and cosmological Ward identities.

Recommended Prep: **General relativity at level of Physics 210 or equivalent. Physics 253a helpful, but not required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Physics 212

Cosmology (203431)

Cora Dvorkin

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Graduate course on Physical Cosmology. Topics will include: the physics of Inflation, Cosmic Microwave Background anisotropies, evidence for Dark Matter, discovery of the accelerated expansion of the Universe, primordial gravitational waves, gravitational lensing, likelihood analysis, structure formation.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 223

Electronics for Scientists (109346)

Thomas Hayes

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

An introduction to electronic circuit design intended to develop circuit intuition and debugging skills through daily design exercises, discussion and hands-on lab exercises. The approach is intensely

practical, minimizing theory. Moves quickly from passive circuits to discrete transistors, then concentrates on operational amplifiers, used to make a variety of circuits including integrators, oscillators, regulators, and filters. The digital half of the course treats analog-digital interfacing, emphasizes the use of microcontrollers and programmable logic devices (PLDs).

Course Notes: **Physics 223 is the same course as Physics 123; if you are an undergraduate student, please enroll in 123. Limited to 20 students.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS: Final Assessment Category	Three-hour Exam

Physics 223

Electronics for Scientists (109346)

Thomas Hayes

David Abrams

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

An introduction to electronic circuit design intended to develop circuit intuition and debugging skills through daily design exercises, discussion and hands-on lab exercises. The approach is intensely practical, minimizing theory. Moves quickly from passive circuits to discrete transistors, then concentrates on operational amplifiers, used to make a variety of circuits including integrators, oscillators, regulators, and filters. The digital half of the course treats analog-digital interfacing, emphasizes the use of microcontrollers and programmable logic devices (PLDs).

Course Notes: **Physics 223 is the same course as Physics 123; if you are an undergraduate student, please enroll in 123. Limited to 20 students.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Physics 223 Section: 002

Electronics for Scientists (109346)

Thomas Hayes

David Abrams

2019 Fall (4 Credits) **Schedule:** WF 0130 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

An introduction to electronic circuit design intended to develop circuit intuition and debugging skills through daily design exercises, discussion and hands-on lab exercises. The approach is intensely practical, minimizing theory. Moves quickly from passive circuits to discrete transistors, then concentrates on operational amplifiers, used to make a variety of circuits including integrators, oscillators, regulators, and filters. The digital half of the course treats analog-digital interfacing, emphasizes the use of microcontrollers and programmable logic devices (PLDs).

Course Notes: **Physics 223 is the same course as Physics 123; if you are an undergraduate student, please enroll in 123. Limited to 20 students.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

Physics 232

Advanced Electromagnetism (112263)

Subir Sachdev

2020 Spring (4 Credits) **Schedule:** MWF 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Maxwell's equations in macroscopic media, conservation laws, Green's functions, time-dependent solutions and radiation, scattering and diffraction, and gauge invariance. Time permitting: geometrical optics and caustics, negative refractive index materials and radiation from rapidly accelerating charges.

Recommended Prep: **Physics 153 and Applied Mathematics 105a, 105b, or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 247

Laboratory Course in Contemporary Physics (145024)

Isaac Silvera

Mara Prentiss

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0530 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Students carry out three experimental projects selected from those available representing condensed matter, atomic, nuclear, and particle physics. Included are pulsed nuclear magnetic resonance (with MRI), microwave spectroscopy, optical pumping, Raman scattering, scattering of laser light, nitrogen vacancies in diamond, neutron activation of radioactive isotopes, Compton scattering, relativistic mass of the

electron, recoil free gamma-ray resonance, lifetime of the muon, studies of superfluid helium, positron annihilation, superconductivity, the quantum Hall effect, properties of semiconductors, and plasma physics. The facilities of the laboratory include several computer controlled experiments as well as computers for analysis.

Course Notes: **A substantial amount of outside reading is expected. Physics 247 is the same course as Physics 191; if you are an undergraduate, please enroll in 191.**

The course is offered in Science Center 204.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Physics 247

Laboratory Course in Contemporary Physics (145024)

Isaac Silvera

Jenny Hoffman

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0530 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Students carry out three experimental projects selected from those available representing condensed matter, atomic, nuclear, and particle physics. Included are pulsed nuclear magnetic resonance (with MRI), microwave spectroscopy, optical pumping, Raman scattering, scattering of laser light, nitrogen vacancies in diamond, neutron activation of radioactive isotopes, Compton scattering, relativistic mass of the electron, recoil free gamma-ray resonance, lifetime of the muon, studies of superfluid helium, positron annihilation, superconductivity, the quantum Hall effect, properties of semiconductors, and plasma physics. The facilities of the laboratory include several computer controlled experiments as well as computers for analysis.

Course Notes: **A substantial amount of outside reading is expected. Physics 247 is the same course as Physics 191; if you are an undergraduate, please enroll in 191.**

The course is offered in Science Center 204.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Physics 251A

Advanced Quantum Mechanics I (111314)

John Doyle

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Basic course in nonrelativistic quantum mechanics. Review of fundamental concepts, notation, observables, basis, position and momentum; rotationally invariant potentials, the hydrogen atom, angular momentum, spin; spin in a magnetic field, rotating frame, interaction picture, driven oscillations; identical particles, symmetries; perturbation theory; scattering, partial waves, WKB.

Recommended Prep: **Physics 143a, b or equivalent, or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 251B

Advanced Quantum Mechanics II (111876)

Ashvin Vishwanath

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Path integrals; relativistic quantum mechanics and quantum fields; identical particles; scattering theory; quantum information theory.

Recommended Prep: **Physics 251a.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Physics 253A

Quantum Field Theory I (122930)

Matthew Schwartz

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to relativistic quantum field theory. This course covers quantum electrodynamics. Topics include canonical quantization, Feynman diagrams, spinors, gauge invariance, path integrals, ultraviolet and infrared divergences, renormalization and applications to the quantum theory of the weak and gravitational forces.

Course Notes: **An optional discussion is available to students. Attendance is optional.**

Recommended Prep: **Physics 143a, b or equivalents.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students

Physics 253B

Quantum Field Theory II (115442)

Daniel Jafferis

2020 Spring (4 Credits) **Schedule:** WF 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A continuation of Physics 253a. Topics include: the renormalization group, implications of unitarity, Yang-Mills theories, spontaneous symmetry breaking, weak interactions, anomalies, and quantum chromodynamics. Additional advanced topics may be covered depending on time and interest.

Recommended Prep: **Physics 253a.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Physics 253CR

Quantum Field Theory III (118459)

Matthew Reece

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Selected advanced topics in quantum field theory, including, but not necessarily limited to: instantons, bosonization, anomalies, confinement, magnetic monopoles, large N expansions, and generalized global symmetries.

Recommended Prep: **Quantum field theory at the level of Physics 253a.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Physics 262

Statistical Mechanics (110526)

David R. Nelson

2019 Fall (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Basic principles of statistical physics and thermodynamics, with applications including: the equilibrium properties of classical and quantum gases; phase diagrams, phase transitions and critical phenomena, as illustrated by the liquid-gas transition and simple magnetic models. Time permitting, introduction to Langevin dynamics and polymer physics.

Course Notes: **Also offered as Applied Physics 284. Either course can be used to satisfy the statistical mechanics requirement in the Physics PhD program or the Applied Physics model PhD program.**

Recommended Prep: **Physics 143a and Physics 181 or Engineering Sciences 181.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

Physics 264

Lie Algebras, Representations and Quantum Mechanics (203512)

Howard Georgi

2020 Spring (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Lie algebras and their representations are indispensible tools in quantum mechanics. Starting from the operator treatment of angular momentum, this course explores some of the (many) useful approaches to this subject with applications in various areas of physics.

Class Notes: **Meetings with be held in Jefferson 456 - Prof. Howard Georgi's office.**

Recommended Prep: **Some quantum mechanics beyond the level of Physics 143a.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Physics 268AR

Special Topics in Quantum Matter (122818)

Ashvin Vishwanath

2019 Fall (4 Credits) **Schedule:** F 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This is a special topics course on quantum systems of many particles, i.e. quantum matter. We will study well defined microscopic models, eg. simple spin models, representing electrons in solids or atoms in optical lattices, which will be shown, at long distances, to give rise to remarkable new excitations, from 'sound' and 'light', to fermions and even more exotic 'anyon' excitations. Often, (but not always) we will use field theory to describe this physics, which may also help demystify the origin of quantum field theory in a physical setting free from 'infinities'.

This course will make contact with recent research directions such as topological order, quantum criticality and dualities.

Two criteria are applied when selecting topics. First, that they be of experimental relevance and, second, that they illustrate a central concept of quantum many body physics such as (i) the importance of locality in many body systems (ii) symmetry and its spontaneous breaking (iii) origin of gauge theories (iv) finding the right variables to describe the physics (a.k.a. dualities) (v) topological order (vi) scale invariance.

Planned Topics:
1.The 1+1D transverse field Ising model - duality, fermionization, chiral symmetry. Experimental realization of "E_8" in $CoNb_2O_6$.
2. Continuous symmetry breaking in 2+1D. Goldstone modes and the Anderson Tower. Non-perturbative approaches such as dualities and large-N expansions. The Mott-superfluid transition.
3. Symmetry and Topological Phases . - Integer quantum Hall effect and Chern insulators. The periodic table of topological insulators and superconductors.
4. Emergent Gauge Theories and topological order. Confinement and topological order. Chern Simons theories. Fractional quantum Hall states and gapped quantum spin liquids. Emergent electromagnetism in quantum magnets and "Spin-ice".
5. Special Topics (if time permits): Quantum entanglement in many body systems. Scale invariance.

Evaluation: Assignments (roughly biweekly) and a final reading/small research project in groups of 2-3 based on enrollment. There will be no examinations.

Suggested Text Books:
1. Gauge Fields and Strings: A. Polyakov
2. Quantum Field Theory of Many Body Systems: X. G. Wen
3. Quantum Phase Transitions. Subir Sachdev

Recommended Prep: **Previous offerings of this course have been taken mainly by condensed matter/AMO and high energy theory graduate students, although the only real requirements are a strong background in quantum mechanics and some exposure to critical phenomena and renormalization group ideas in statistical mechanics.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science

Physics 268BR

Renormalization Group Methods in Condensed Matter Physics (160744)

David R. Nelson

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Renormalization group ideas have had a major impact on condensed matter physics. We plan to develop and illustrate the theory by studying at least three of the following topics: (1) critical phenomena near four dimensions; (2) quantum critical points in Heisenberg spins; (3) flexural phonons in free-standing graphene; and (4) the fluid dynamics of the forced Navier-Stokes equations.

Recommended Prep: **One semester graduate course in statistical mechanics, such as Physics 262 or Applied Physics 284.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Physics 283B

Spacetime and Quantum Mechanics, Total Positivity and Motives (118724)

Nima Arkani-Hamed

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Spacetime and Quantum Mechanics form the pillars of our understanding of modern physics, but there are several indications that these concepts must emerge from deeper principles, undoubtedly involving new physics and mathematics. In this course I aim to give a first systematic introduction to some ideas along these lines that have emerged over the past decade. I will present a new formulation of some very basic physics-- fundamental to particle scattering amplitudes and to cosmology--not following from quantum evolution in space-time, but instead associated in a surprising way to new mathematical structures, ranging from the combinatorics and geometry of total positivity and cluster algebras, to period integrals and mixed motives. In these examples, we can concretely see how the usual rules of space-time and quantum mechanics can arise, joined at the hip, from fundamentally geometric and combinatorial origins. The course will be self-contained and should be accessible to physicists and mathematicians alike, with all the relevant physical and mathematical ideas introduced and developed from the ground up.

Recommended Prep: **The material will be largely self-contained, but some familiarity with the basics of special relativity and quantum mechanics may be useful.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Physics 285B

Modern Atomic and Optical Physics II (118509)

Mikhail Lukin

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to quantum optics and modern atomic physics. The basic concepts and theoretical tools will be introduced. Topics will include coherence phenomena, non-classical states of light and matter, atom cooling and trapping and atom optics. The second of a two-term subject sequence that provides the foundations for contemporary research.

Recommended Prep: **A course in electromagnetic theory (Physics 232a or equivalent); one half-course in intermediate or advanced quantum mechanics.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Physics 287A

Introduction to String Theory (111191)

Xi Yin

2019 Fall (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to the perturbative formulation of string theories and dualities. Quantization of bosonic and superstrings, perturbative aspects of scattering amplitudes, supergravity, D-branes, T-duality and mirror symmetry. Also a brief overview of recent developments in string theory.

Recommended Prep: **Physics 253a, b or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Physics 287BR

The String Landscape and the String Swampland (114008)

Xi Yin

2020 Spring (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A selection of topics from current areas of research on string theory.

Recommended Prep: **Physics 287a.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students

Physics 289R

Topics in Mathematical Physics (213603)

Tai Wu

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Seven years ago, the Higgs particle was discovered by the ATLAS and the CMS Collaborations at CERN. This course gives an introduction to the Englert-Brout-Higgs mechanism and the Higgs particle.

Recommended Prep: **Some knowledge of quantum field theory.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Physics 295A

Introduction to Quantum Theory of Solids (127980)

Subir Sachdev

2019 Fall (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Lattices and symmetries. Phonons. Electronic Structure of Crystals. Semiclassical Transport Theory. Semiconductors. Localization. Integer Quantum Hall effect. Topological Insulators. Additional topics from the theory of interacting electrons, including introduction to magnetism and superconductivity.

Recommended Prep: **Physics 181 or equivalent, Applied Physics 195 or equivalent, and a**

graduate level quantum mechanics course similar to Physics 251a. (Physics 251b would be helpful and may be taken concurrently.)

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

Physics 295B

Quantum Theory of Solids (127979)

Eugene Demler

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course presents theoretical description of solids focusing on the effects of interactions between electrons. Topics include Fermi liquid theory, dielectric response and RPA approximation, ferro and antiferromagnetism, RKKY interactions and Kondo effect, electron-phonon interactions and superconductivity.

Course Notes: **Physics 295b is also offered as Applied Physics 295b. Students may not take both for credit.**

Recommended Prep: **Physics 251a,b, an introductory course in solid state physics, or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Physics 296

Mesoscale and Low Dimensional Devices (214614)

Philip Kim

2020 Spring (4 Credits) **Schedule:** WF 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Concepts of condensed matter physics are applied to the science and technology of beyond-CMOS devices, in particular, mesoscale, low-dimensional, and superconducting devices. Topics include: quantum dots/wires/wells and two-dimensional (2D) materials; optoelectronics with confined electrons; conductance quantization, Landauer-Buttiker formalism, and resonant tunneling; magneto oscillation; integer and fractional quantum Hall effects; Berry phase and topology in condensed matter physics; various Hall effects (anomalous, spin, valley, etc.); Weyl semimetal; topological insulator; spintronic devices and circuits; collective electron behaviors in low dimensions and applications; Cooper-pair boxes and superconducting quantum circuits.

Course Notes: **Also offered as Applied Physics 296.**

Recommended Prep: **Undergrad level condensed matter physics (AP/P195).**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 300C

Course-Related Work (210875)

2020 Spring (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Physics 300C

Course-Related Work (210875)

2019 Fall (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Physics 300R

Research-Related Work (210873)

2019 Fall (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Physics 300R

Research-Related Work (210873)

2020 Spring (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Physics 300T

Teaching-Related Work (210874)

2019 Fall (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Physics 300T

Teaching-Related Work (210874)

2020 Spring (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Physics 301A

Experimental Atomic and Elementary Particle Physics (110965)

Gerald Gabrielse

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Physics 301A

Experimental Atomic and Elementary Particle Physics (110965)

Gerald Gabrielse

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Physics 301B

Experimental Atomic and Elementary Particle Physics (110966)

Gerald Gabrielse

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Physics 301B

Experimental Atomic and Elementary Particle Physics (110966)

Gerald Gabrielse

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Physics 302A Section: 001S

Teaching and Communicating Physics (107899)

Jacob Barandes

2020 Spring (4 Credits) **Schedule:** W 0600 PM - 0715 PM

Instructor Permissions: Instructor **Enrollment Cap:** 45

Hands-on, experienced-based course for graduate students on teaching and communicating physics, conducted through practice, observation, feedback, and discussion. Departmental rules for teaching fellows, section and laboratory teaching, office hours, assignments, grading, and difficult classroom situations.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 302B

Instructional Training for New Teaching Fellows (205610)

Jacob Barandes

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through this course, first-time teaching fellows in the Physics graduate program engage in supervised training through practice microteaching, video review, evaluation and feedback, development of instructional materials, and follow-up meetings with teaching consultants.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 302B

Instructional Training for New Teaching Fellows (205610)

Jacob Barandes

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through this course, first-time teaching fellows in the Physics graduate program engage in supervised training through practice microteaching, video review, evaluation and feedback, development of instructional materials, and follow-up meetings with teaching consultants.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Physics 303A

Sensory and Behavioral Neuroscience (118884)

Aravinthan Samuel

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 303A

Sensory and Behavioral Neuroscience (118884)

Aravinthan Samuel

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Physics 303B

Sensory and Behavioral Neuroscience (118886)

Aravinthan Samuel

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Physics 303B

Sensory and Behavioral Neuroscience (118886)

Aravinthan Samuel

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Physics 304A

Topics in Field Theory and String Theory (110256)

Daniel Jafferis

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Physics 304A

Topics in Field Theory and String Theory (110256)

Daniel Jafferis

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Physics 304B

Topics in Field Theory and String Theory (110257)

Daniel Jafferis

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Physics 304B

Topics in Field Theory and String Theory (110257)

Daniel Jafferis

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 305A

Experimental High Energy Physics (122762)

John Huth

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Physics 305A

Experimental High Energy Physics (122762)

John Huth

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Physics 305B

Experimental High Energy Physics (123959)

John Huth

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Physics 305B

Experimental High Energy Physics (123959)

John Huth

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 306A

Experimental Physics in Quantum Materials (211047)

Julia Mundy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Physics 306A

Experimental Physics in Quantum Materials (211047)

Julia Mundy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Physics 306B

Experimental Physics in Quantum Materials (211048)

Julia Mundy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Physics 306B

Experimental Physics in Quantum Materials (211048)

Julia Mundy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Physics 307A

Atomic/Bio-physics, Quantum Optics (114638)

Lene Hau

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 307A

Atomic/Bio-physics, Quantum Optics (114638)

Lene Hau

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 307B

Atomic/Bio-physics, Quantum Optics (114639)

Lene Hau

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Physics 307B

Atomic/Bio-physics, Quantum Optics (114639)

Lene Hau

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Physics 308A

Experimental Astrophysics and Cosmology (215745)

John Kovac

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Physics 308B

Experimental Astrophysics and Cosmology (215746)

John Kovac

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 309A

Introduction to String Theory (114009)

C. Vafa

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Physics 309A

Introduction to String Theory (114009)

C. Vafa

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Physics 309B

Topics in Elementary Particle Theory (114014)

C. Vafa

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Physics 309B

Topics in Elementary Particle Theory (114014)

C. Vafa

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Physics 310A

Experimental Condensed Matter Physics and Biophysics (215747)

Hongkun Park

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Physics 310B

Experimental Condensed Matter Physics and Biophysics (215748)

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 311A

Experimental Atomic, Molecular, and Low-Energy Particle Physics (148189)

John Doyle

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Physics 311A

Experimental Atomic, Molecular, and Low-Energy Particle Physics (148189)

John Doyle

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Physics 311B

Experimental Atomic, Molecular, and Low-Energy Particle Physics (143819)

John Doyle

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Physics 311B

Experimental Atomic, Molecular, and Low-Energy Particle Physics (143819)

John Doyle

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Physics 312A

Topics in Statistical Physics (215749)

Michael P. Brenner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Physics 312B

Topics in Statistical Physics (215750)

Michael P. Brenner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Physics 313A

Experimental Condensed Matter Physics (122839)

Amir Yacoby

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Physics 313A

Experimental Condensed Matter Physics (122839)

Amir Yacoby

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 313B

Experimental Condensed Matter Physics (122840)

Amir Yacoby

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Physics 313B

Experimental Condensed Matter Physics (122840)

Amir Yacoby

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Physics 315A

Topics in Theoretical Atomic, Molecular, and Condensed Matter Physics (121332)

Eric Heller

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 315A

Topics in Theoretical Atomic, Molecular, and Condensed Matter Physics (121332)

Eric Heller

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Physics 315B

Topics in Theoretical Atomic, Molecular, and Condensed Matter Physics (145282)

Eric Heller

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Physics 315B

Topics in Theoretical Atomic, Molecular, and Condensed Matter Physics (145282)

Eric Heller

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Physics 316A

Topics in biophysics and physical chemistry (215741)

Adam Cohen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 316B

Topics in biophysics and physical chemistry (215742)

Adam Cohen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Physics 317A

Topics in Biophysics (119763)

Xiaowei Zhuang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Physics 317A

Topics in Biophysics (119763)

Xiaowei Zhuang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Physics 317B

Topics in Biophysics (119764)

Xiaowei Zhuang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Physics 317B

Topics in Biophysics (119764)

Xiaowei Zhuang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 319A

Topics in Experimental High Energy Physics (113986)

Melissa Franklin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Physics 319A

Topics in Experimental High Energy Physics (113986)

Melissa Franklin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Physics 319B

Topics in Experimental High Energy Physics (113987)

Melissa Franklin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 319B

Topics in Experimental High Energy Physics (113987)

Melissa Franklin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Physics 321A

Experimental Soft Condensed Matter Physics (112282)

David Weitz

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 321A

Experimental Soft Condensed Matter Physics (112282)

David Weitz

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Physics 321B

Experimental Soft Condensed Matter Physics (112283)

David Weitz

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Physics 321B

Experimental Soft Condensed Matter Physics (112283)

David Weitz

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 322A

Physics of Soft, Active and Sentient Matter (215739)

L Mahadevan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Physics 322B

Physics of Soft, Active and Sentient Matter (215740)

L Mahadevan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Physics 323A

Topics in Condensed Matter Physics (203753)

Ashvin Vishwanath

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Physics 323A

Topics in Condensed Matter Physics (203753)

Ashvin Vishwanath

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Physics 323B

Topics in Condensed Matter Physics (203754)

Ashvin Vishwanath

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Physics 323B

Topics in Condensed Matter Physics (203754)

Ashvin Vishwanath

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Physics 324A

Topics in Modern Astrophysics (204541)

Douglas Finkbeiner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science

Physics 324B

Topics in Modern Astrophysics (204542)

Douglas Finkbeiner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science

Physics 327A

Topics in Condensed Matter Physics (117548)

David R. Nelson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Physics 327A

Topics in Condensed Matter Physics (117548)

David R. Nelson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 327B

Topics in Condensed Matter Physics (118814)

David R. Nelson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Physics 327B

Topics in Condensed Matter Physics (118814)

David R. Nelson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Physics 329A

Condensed Matter and Statistical Theory (143256)

Bertrand Halperin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Physics 329B

Condensed Matter and Statistical Theory (118337)

Bertrand Halperin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Physics 331A

Topics in String Theory (125320)

Xi Yin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Physics 331A

Topics in String Theory (125320)

Xi Yin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Physics 331B

Topics in String Theory (125321)

Xi Yin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Physics 331B

Topics in String Theory (125321)

Xi Yin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Physics 333A

Experimental Atomic Physics (112040)

Mara Prentiss

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Physics 333A

Experimental Atomic Physics (112040)

Mara Prentiss

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Physics 333B

Experimental Atomic Physics (112042)

Mara Prentiss

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Physics 333B

Experimental Atomic Physics (112042)

Mara Prentiss

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Physics 337A

Topics in Experimental High Energy Physics (114834)

Masahiro Morii

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Physics 337A

Topics in Experimental High Energy Physics (114834)

Masahiro Morii

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 337B

Topics in Experimental High Energy Physics (114835)

Masahiro Morii

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Physics 337B

Topics in Experimental High Energy Physics (114835)

Masahiro Morii

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 338A

Experimental Neutrino Physics and Dark Matter (205501)

Roxanne Guenette

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Physics 338A

Experimental Neutrino Physics and Dark Matter (205501)

Roxanne Guenette

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Physics 338B

Experimental Neutrino Physics and Dark Matter (205502)

Roxanne Guenette

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Physics 338B

Experimental Neutrino Physics and Dark Matter (205502)

Roxanne Guenette

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Physics 339A

Condensed Matter and Atomic Physics (120869)

Subir Sachdev

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Physics 339A

Condensed Matter and Atomic Physics (120869)

Subir Sachdev

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Physics 339B

Condensed Matter and Atomic Physics (120868)

Subir Sachdev

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 339B

Condensed Matter and Atomic Physics (120868)

Subir Sachdev

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Physics 341A

Topics in Experimental Atomic and Condensed Matter Physics (111169)

Markus Greiner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 341A

Topics in Experimental Atomic and Condensed Matter Physics (111169)

Markus Greiner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Physics 341B

Topics in Experimental Atomic and Condensed Matter Physics (118950)

Markus Greiner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 341B

Topics in Experimental Atomic and Condensed Matter Physics (118950)

Markus Greiner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Physics 343A

Observational Cosmology and Experimental Gravitation (119051)

Christopher Stubbs

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Physics 343A

Observational Cosmology and Experimental Gravitation (119051)

Christopher Stubbs

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Physics 343B

Observational Cosmology and Experimental Gravitation (119052)

Christopher Stubbs

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Physics 343B

Observational Cosmology and Experimental Gravitation (119052)

Christopher Stubbs

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Physics 345A

Experimental Gravitation: Radio and Radar Astronomy (115102)

Irwin Shapiro

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Physics 345A

Experimental Gravitation: Radio and Radar Astronomy (115102)

Irwin Shapiro

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Physics 345B

Experimental Gravitation: Radio and Radar Astronomy (115113)

Irwin Shapiro

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Physics 345B

Experimental Gravitation: Radio and Radar Astronomy (115113)

Irwin Shapiro

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Physics 347A

Topics in Quantum Optics (115495)

Mikhail Lukin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 347A

Topics in Quantum Optics (115495)

Mikhail Lukin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Physics 347B

Topics in Quantum Optics (115525)

Mikhail Lukin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Physics 347B

Topics in Quantum Optics (115525)

Mikhail Lukin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 349A

Topics in Theoretical Particle Physics (125315)

Matthew Schwartz

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Physics 349A

Topics in Theoretical Particle Physics (125315)

Matthew Schwartz

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Physics 349B

Topics in Theoretical Particle Physics (125316)

Matthew Schwartz

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Physics 349B

Topics in Theoretical Particle Physics (125316)

Matthew Schwartz

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Physics 350A

Experimental Physics in Low Dimensional Materials (116409)

Philip Kim

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 10

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Physics 350A

Experimental Physics in Low Dimensional Materials (116409)

Philip Kim

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 10

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Physics 350B

Experimental Physics in Low Dimensional Materials (205462)

Philip Kim

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 350B

Experimental Physics in Low Dimensional Materials (205462)

Philip Kim

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Physics 351A

Experimental Soft Condensed Matter and Materials Physics (120872)

Vinothan Manoharan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 351A

Experimental Soft Condensed Matter and Materials Physics (120872)

Vinothan Manoharan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Physics 351B

Experimental Soft Condensed Matter and Materials Physics (120873)

Vinothan Manoharan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Physics 351B

Experimental Soft Condensed Matter and Materials Physics (120873)

Vinothan Manoharan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Physics 353A

Topics in Statistical Physics and Quantitative Molecular Biology (125788)

Erel Levine

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Physics 353A

Topics in Statistical Physics and Quantitative Molecular Biology (125788)

Erel Levine

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Physics 353B

Topics in Statistical Physics and Quantitative Molecular Biology (125789)

Erel Levine

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Physics 353B

Topics in Statistical Physics and Quantitative Molecular Biology (125789)

Erel Levine

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Physics 357A

Experimental Condensed Matter Physics (113916)

Robert Westervelt

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Physics 357A

Experimental Condensed Matter Physics (113916)

Robert Westervelt

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Physics 357B

Experimental Condensed Matter Physics (115410)

Robert Westervelt

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Physics 357B

Experimental Condensed Matter Physics (115410)

Robert Westervelt

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Physics 359A

Topics in Condensed Matter Physics (115526)

Eugene Demler

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Physics 359A

Topics in Condensed Matter Physics (115526)

Eugene Demler

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Physics 359B

Topics in Condensed Matter Physics (115527)

Eugene Demler

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Physics 359B

Topics in Condensed Matter Physics (115527)

Eugene Demler

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 363A

Topics in Condensed Matter Theory (112091)

Efthimios Kaxiras

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Physics 363A

Topics in Condensed Matter Theory (112091)

Efthimios Kaxiras

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Physics 363B

Topics in Condensed Matter Theory (112092)

Efthimios Kaxiras

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 363B

Topics in Condensed Matter Theory (112092)

Efthimios Kaxiras

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Physics 365A

Topics in Mathematical Physics (115341)

Arthur Jaffe

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 365A

Topics in Mathematical Physics (115341)

Arthur Jaffe

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Physics 365B

Topics in Mathematical Physics (110837)

Arthur Jaffe

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Physics 365B

Topics in Mathematical Physics (110837)

Arthur Jaffe

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Physics 371A

Topics in Experimental High Energy Physics (111721)

Gary Feldman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Physics 371B

Topics in Experimental High Energy Physics (118633)

Gary Feldman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Physics 373A

Historical and Philosophical Approaches to Modern and Contemporary Physics (143237)

Peter Galison

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Physics 373A

Historical and Philosophical Approaches to Modern and Contemporary Physics (143237)

Peter Galison

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Physics 373B

Historical and Philosophical Approaches to Modern and Contemporary Physics (143239)

Peter Galison

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 373B

Historical and Philosophical Approaches to Modern and Contemporary Physics (143239)

Peter Galison

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Physics 377A

Theoretical High Energy Physics (110740)

Tai Wu

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Physics 377A

Theoretical High Energy Physics (110740)

Tai Wu

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Physics 377B

Theoretical High Energy Physics (111186)

Tai Wu

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Physics 377B

Theoretical High Energy Physics (111186)

Tai Wu

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Physics 379A

Topics in Elementary Particle Research and String Theory (144344)

Andrew Strominger

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Physics 379A

Topics in Elementary Particle Research and String Theory (144344)

Andrew Strominger

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Physics 379B

Topics in Elementary Particle Research and String Theory (148230)

Andrew Strominger

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Physics 379B

Topics in Elementary Particle Research and String Theory (148230)

Andrew Strominger

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Physics 381A

Experimental Condensed Matter Physics (119765)

Jenny Hoffman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Physics 381A

Experimental Condensed Matter Physics (119765)

Jenny Hoffman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Physics 381B

Experimental Condensed Matter Physics (119766)

Jenny Hoffman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Physics 381B

Experimental Condensed Matter Physics (119766)

Jenny Hoffman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Physics 383A

Low Temperature Physics of Quantum Fluids and Solids; Ultra High Pressure Physics (113458)

Isaac Silvera

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Physics 383A

Low Temperature Physics of Quantum Fluids and Solids; Ultra High Pressure Physics (113458)

Isaac Silvera

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Physics 383B

Low Temperature Physics of Quantum Fluids and Solids; Ultra High Pressure Physics (113887)

Isaac Silvera

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 383B

Low Temperature Physics of Quantum Fluids and Solids; Ultra High Pressure Physics (113887)

Isaac Silvera

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Physics 387A

Applied Photonics (116745)

Eric Mazur

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Physics 387A

Applied Photonics (116745)

Eric Mazur

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Physics 387B

Applied Photonics (116755)

Eric Mazur

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Physics 387B

Applied Photonics (116755)

Eric Mazur

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Physics 389A

Topics in Field Theory: The Standard Model and Beyond (116428)

Lisa Randall

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 389A

Topics in Field Theory: The Standard Model and Beyond (116428)

Lisa Randall

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Physics 389B

Topics in Field Theory: The Standard Model and Beyond (116429)

Lisa Randall

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Physics 389B

Topics in Field Theory: The Standard Model and Beyond (116429)

Lisa Randall

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Physics 391A

Experimental Atomic Physics, Biophysics, and Soft Matter Physics (120134)

Ronald Walsworth

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Physics 391B

Experimental Atomic Physics, Biophysics, and Soft Matter Physics (119076)

Ronald Walsworth

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Physics 393A

Topics in Elementary Particle Theory (117710)

Howard Georgi

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 393A

Topics in Elementary Particle Theory (117710)

Howard Georgi

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Physics 393B

Topics in Elementary Particle Theory (117913)

Howard Georgi

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Physics 393B

Topics in Elementary Particle Theory (117913)

Howard Georgi

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Physics 395A

Topics in Theoretical High Energy/String Theory (109287)

Matthew Reece

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Physics 395A

Topics in Theoretical High Energy/String Theory (109287)

Matthew Reece

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Physics 395B

Topics in Theoretical High Energy/String Theory (109288)

Matthew Reece

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Physics 395B

Topics in Theoretical High Energy/String Theory (109288)

Matthew Reece

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Physics 399A

Topics in Cosmology (160981)

Cora Dvorkin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Physics 399A

Topics in Cosmology (160981)

Cora Dvorkin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Physics 399B

Topics in Cosmology (160982)

Cora Dvorkin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Physics 399B

Topics in Cosmology (160982)

Cora Dvorkin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Subject: Physical Sciences

Physical Sciences 2

Mechanics, Elasticity, Fluids, and Diffusion (122575)

Gregory Kestin

Dmitriy Beznosko

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to classical mechanics, with special emphasis on the motion of organisms in fluids. Topics covered include: kinematics, Newton's laws of motion, oscillations, elasticity, random walks, diffusion, and fluids. Examples and problem set questions will be drawn from the life sciences and medicine.

Recommended Prep: **Physical Sciences 1 (or Chemistry 7), Mathematics 1b, or the equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Physical Sciences 3

Electromagnetism, Circuits, Waves, Optics, and Imaging (122576)

Louis Deslauriers

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course is an introduction to electromagnetism, digital information, waves, optics and sound. Topics covered include: electric and magnetic fields, electrical potential, circuits, simple digital circuits, wave propagation in various media, microscopy, sound and hearing. The course will draw upon a variety of applications to the biological sciences and will use real-world examples to illustrate many of the physical principles described. There are six laboratories.

Course Notes: **This course is part of an integrated introduction to the physical sciences intended for students who plan to pursue a concentration in the life sciences and/or satisfy pre-medical requirements in Physics. May not ordinarily be taken for credit in addition to Physics 1b, 11b, or 15b.**

Recommended Prep: **Physical Sciences 2 (or Physics 1a or 11a), Mathematics 1b, or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Physical Sciences 12A

Mechanics and Statistical Physics from an Analytic, Numerical and Experimental Perspective (109274)

Efthimios Kaxiras

Camille Gomez-Laberge

2020 Spring (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This is the first term of a two-semester introductory physical science and engineering course sequence. The focus is on quantitative scientific reasoning, with the first term's exploration framed in the context of

basic mechanics. Students will gain competence in both analytic (using pencil, paper and single-variable calculus) and numerical (using computer modeling) approaches to modeling simple physical systems and for the analysis of experimental data. Topics include kinematics, linear and rotational motion, forces, energy, momentum, collisions, gravitation, oscillations, and a brief introduction to statistical physics and waves. Examples are drawn from across the physical sciences and engineering. The course is aimed at first year students who have an interest in pursuing a concentration in the sciences and/or engineering. The course structure includes lecture, discussion and laboratory components.

Course Notes: **Physical Sciences 12a may not be taken for credit by students who have passed Physics 11a, 15a or 16.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
Quantitative Reasoning with Data	Yes
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Physical Sciences 12B

Electromagnetism and Quantum Physics from an Analytic, Numerical and Experimental Perspective (109457)

Logan S. McCarty

Efthimios Kaxiras

Camille Gomez-Laberge

2019 Fall (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This is the second term of a two-semester introductory physical science and engineering course sequence that uses a combination of analytic and numerical methods to understand physical systems. Topics include electrostatics and magnetostatics, electromagnetic fields, optics [all topics illustrated with applications to current technological and societal challenges], and an introduction to quantum physics, including basic concepts and their application in understanding modern devices, like the laser, the light-emitting diode and the photovoltaic cell. The course is aimed at second year students who have an interest in pursuing a concentration in the sciences and/or engineering. The course structure includes lecture, discussion and laboratory components. The course assumes familiarity with the concepts of mechanics and statistical physics as they are covered in PHYSCI-12A.

Course Notes: **May not be taken for credit by students who have passed Physics 15b or Physics 15c.**

Recommended Prep: **Physical Sciences 12a**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
Quantitative Reasoning with Data	Yes

Physical Sciences 70

Introduction to Digital Fabrication (215717)

Robert Hart

2020 Spring (4 Credits)		**Schedule:**	TR 0300 PM - 0415 PM
Instructor Permissions:	Instructor	**Enrollment Cap:**	20

A hands-on introduction to rapid prototyping, integrating physics and engineering, design, computer science and art. Students will learn to safely use software and hardware to fabricate programmable projects. Tools and topics will include shop safety, hand tools, laser cutting, 3D printing, computer-controlled milling, electronic circuit design, programmable microcontrollers, and molding and casting. Applications may include personal fabrication, product prototyping, fine arts and the creation of scientific research tools. The course will culminate with an individual final project, integrating as many of the topics as possible. Each student will document work on each weekly topic in a personal website, thereby finishing the course with an online portfolio that not only illustrates their new skill sets, but also contributes to a collective repository of knowledge that serves as a foundation for continued learning.

Course website: https://tinyurl.com/tasr7b6

Related Sections: Coursework will mostly be conducted independently through open lab time. Lab access will be 24/7 once online lab safety training is complete. TFs will be available during flexibly scheduled lab times. For some topics, supervision will be needed as students learn to operate machines safely.

Course Notes: **Attendance is mandatory since lab safety training will occur during class times. Class will meet twice each week. The first meeting will consist of a discussion of the previous week's assignment, with each student reporting on progress, followed by a short introduction to the current week's topic and assignment. The second meeting may include a short lecture but will primarily focus on a hands-on training session for the accompanying assignment. Meetings may also include appearances by local experts and field trips.**

Recommended Prep: **There are no formal prerequisites for this course. Students are expected to bring their own laptop computer (tablets and Chromebooks are not sufficient for some of the software required for this course, though students will have access to lab computers). This course is accessible to those with no prior experience. For students already familiar with some of the topics, it will be an opportunity to explore further.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Political Economy and Government

Subject: Political Economy & Government

Political Economy & Government 3000

Doctoral Research (208347)

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Doctoral Research course for students enrolled in Political Economy and Government.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Political Economy & Government 3000

Doctoral Research (208347)

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Doctoral Research course for students enrolled in Political Economy and Government.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Population Health Sciences

Subject: Population Health Sciences

Population Health Sciences 301

Teaching Fellowship - TF (208324)

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course is to be used when fulfilling the PHS Teaching Fellow Requirement.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Population Health Sciences 301

Teaching Fellowship - TF (208324)

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course is to be used when fulfilling the PHS Teaching Fellow Requirement.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Population Health Sciences 302

Research or Academic Study (208325)

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Enroll is this course when the study being pursued is related to academic study, additional pursuits related to academics, or research that does not relate toward a dissertation.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Population Health Sciences 302

Research or Academic Study (208325)

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Enroll is this course when the study being pursued is related to academic study, additional pursuits related to academics, or research that does not relate toward a dissertation.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Population Health Sciences 2000A

Quantitative Research Methods in Population Health Sciences I (203329)

Jarvis Chen

Michael Hughes

2019 Fall (4 Credits) **Schedule:** TR 1130 AM - 1259 PM

Instructor Permissions: Instructor **Enrollment Cap:** 50

This is part one of a two part core year-long quantitative methods course for the Population Health Science PhD students at the School of Public Health. The course integrates methods and concepts from the various disciplines represented by Population Health Sciences to equip students with the methodological tools to conduct their own research as well as collaborate across fields of study and areas of specialization. PHS2000A covers foundational statistical methods including linear and logistic regression, generalized linear models, survival analysis, longitudinal data analysis, and multilevel modeling. Discussion will be given to important concepts including sampling, measurement, model specification, interpretation, estimation, and diagnostics. Coursework will consist of two weekly lectures and a weekly lab session, problem sets, and exams. R is the main statistical computing software that will be used in the course.

Course Notes: **This course is reserved for first-year PhD students in Population Health Sciences. Population Health Sciences PhD students are required to register for both semesters of this course and to achieve a final average grade of B or higher.**

Requirements: **Requisite: Course open to First Year GSAS (G1) Students Only**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students

Population Health Sciences 2000B

Quantitative Research Methods in Population Health Sciences II (203330)

Tyler VanderWeele

Jarvis Chen

David Canning

2020 Spring (4 Credits) **Schedule:** TR 1130 AM - 1259 PM

Instructor Permissions: Instructor **Enrollment Cap:** 50

This is part two of a two part core year-long quantitative methods course for the Population Health Science PhD students at the School of Public Health. The course integrates methods and concepts from the various disciplines represented by Population Health Sciences to equip students with the methodological tools to conduct their own research as well as collaborate across fields of study and areas of specialization. Part two of the course focuses on scientific inference and causal reasoning in the population health sciences and will provide an overview of methods for sensitivity analysis, interaction, mediation, propensity scores, time-varying exposures, measurement and correction for measurement error, instrumental variables, regression discontinuity designs, difference-in-difference methods, time series, missing data, multiple testing, replication, and meta-analysis. Emphasis will be placed on understanding the basic definitions, assumptions, and methodology. Students will be referred to further readings and courses to gain more detailed understanding. Coursework will consist of two weekly lectures and a weekly lab session, problem sets, and exams. Various software resources will be used throughout the course, with R being the main statistical computing platform used. The course will prepare students to critically read through the empirical population health science literature, and to implement a number of different methods in their own research.

Course Notes: **This course is reserved for first-year PhD students in Population Health Sciences. Population Health Sciences PhD students are required to register for both semesters of this course and to achieve a final average grade of B or higher.**

Requirements: **Requisite: Course open to First Year GSAS (G1) Students Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Graduate Students
Full Year Course	Divisible Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Psychology

Subject: Psychology

Psychology 1

Introduction to Psychological Science (123941)

Daniel Gilbert

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Surveys the scientific study of human psychology. Introduces students to topics such as perception, consciousness, development, cognition, emotion, motivation, psychopathology, decision making, and social behavior.

Class Notes: **PSY 1 was taught as SLS-20 Psychological Science for the past several years. To review the most recent Q evaluations for Prof. Gilbert, search for SLS-20 from Fall 2017.**

Requirements: **Anti-Req: Cannot be taken for credit if SLS 20 already complete.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Psychology 1

Introduction to Psychological Science (123941)

Jason Mitchell

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Surveys the scientific study of human psychology. Introduces students to topics such as perception, consciousness, development, cognition, emotion, motivation, psychopathology, decision making, and social behavior.

Class Notes: **PSY 1 was taught as SLS-20 Psychological Science for the past several years. To review the most recent Q evaluations for Prof. Mitchell, search for SLS-20 from Fall 2018.**

Requirements: **Anti-Req: Cannot be taken for credit if SLS 20 already complete.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Primarily for Undergraduate Students

Psychology 14

Cognitive Neuroscience (126551)

Daniel Schacter

Elizabeth Phelps

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

How do our brains give rise to our minds? Specifically, how are mental processes related to neural activity? This course will explore these questions, as well as the methods by which cognitive neuroscience seeks to answer them. We will focus on processes within perception, attention, memory, language, action, emotion, and social cognition, and methods including neuroimaging, neuropsychology, and electrophysiology.

Course Notes: **This course counts toward foundational requirements for Psychology and should be taken before courses at the 1000 level or higher.**

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) before enrolling in this course; or permission of instructor.**

Requirements: **SLS20 or PSY1 or Psychology AP=5 or Psychology IB=7 or Psyc S-1**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Psychology 15

Social Psychology (114178)

Fiery Cushman

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to social psychological research and theory regarding everyday behavior, incorporating methods from the life sciences (neuroscience, genetics, evolutionary biology). Topics include: attitudes and social influence; obedience to authority; stereotyping, prejudice, and intergroup relations; emotion; interpersonal attraction; morality and prosocial behavior; and errors of everyday human judgment

Course Notes: **This course counts toward foundational requirements for Psychology and should be taken before courses at the 1000 level or higher.**

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or 1B=7 or Psyc S-1) before enrolling in this course for all freshmen and sophomores and for all students**

completing a concentration or secondary field in psychology.

Requirements: **SLS20 or PSY1 or Psychology AP=5 or Psychology IB=7 or Psyc S-1**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam

Psychology 16

Developmental Psychology (110776)

Jesse Snedeker

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to theories and findings in developmental psychology. The course will cover brain development, perception, language, the origins of individual differences, theory of mind/autism, moral development, emotion and understanding emotion, friendship, parenting and cross-cultural variation.

Course Notes: **This course counts toward foundational requirements for Psychology and should be taken before courses at the 1000 level or higher.**

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB = 7) before enrolling in this course; or permission of instructor. Not open to students who have taken SciLivSys 15.**

Requirements: **SLS20 or PSY1 or Psychology AP=5 or Psychology IB=7 or Psyc S-1. Cannot be taken for credit if SCILIVSY 15 (SLS 15) already complete**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

Psychology 18

Abnormal Psychology (123973)

Joshua Buckholtz

2019 Fall (4 Credits) **Schedule:** MW 0600 PM - 0715 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to the study of psychological dysfunction. Focuses on abnormal behavior as it relates to the definition, etiology, and treatment of major symptom domains. This course will emphasize critical

evaluation of the causes and mechanisms of mental illness, with special attention paid to recent neuroscientific and genetic research on the neurobiology of psychopathology.

Course Notes: **This course counts toward foundational requirements for Psychology and should be taken before courses at the 1000 level or higher.**

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB = 7) before enrolling in this course.**

Requirements: **SLS20 or PSY1 or Psychology AP=5 or Psychology IB=7 or Psyc S-1**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Undergraduate Students

Psychology 910R

Supervised Research (110768)

Jill Hooley

Katherine Powers

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent empirical research (laboratory or field) conducted under the supervision of a departmental faculty member. Research report or equivalent paper required. May be taken up to three times for College credit; limits on research courses for concentration credit apply.

An application is required for admission; due to the Psychology Undergraduate Office the day before Study Cards are due.

http://undergrad.psychology.fas.harvard.edu/forms

Course Notes: **This course is administered by the Psychology Undergraduate Office. Email psychology@wjh.harvard.edu for questions about the course.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Psychology 910R

Supervised Research (110768)

Jill Hooley

Katherine Powers

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Independent empirical research (laboratory or field) conducted under the supervision of a departmental faculty member. Research report or equivalent paper required. May be taken up to three times for College credit; limits on research courses for concentration credit apply.

An application is required for admission; due to the Psychology Undergraduate Office the day before Study Cards are due.

http://undergrad.psychology.fas.harvard.edu/forms

Course Notes: **This course is administered by the Psychology Undergraduate Office. Email psychology@wjh.harvard.edu for questions about the course.**

Class Notes: **The first meeting for this course is determined on a case by case basis. Please contact your faculty research supervisor to arrange a time.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

Psychology 971

Contemporary Issues in Psychology: Intensive Cross-level Analyses (113094)

Jill Hooley

Katherine Powers

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Examines selected issues and phenomena in contemporary psychological research. Special attention to examining topics from a variety of perspectives, to reading primary sources in the field, and to developing thinking, writing, research, and discussion skills. This tutorial, or Psychology 975, is required of concentrators upon entering the concentration, normally in the sophomore year. Letter graded.

Course Notes: **Students may take this course before formally declaring Psychology as their concentration. Psy 971 and Psy 975 are interchangeable for Psychology requirements.**

Class Notes: **Students interested in enrolling in tutorial should come one of two important informational meetings to discuss sectioning on Tuesday 9/3, 12-12:30pm or 5-5:30pm in William James Hall 401.**

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) before enrolling in this course; or permission of instructor. PSY 1900 or equivalent statistics course should be taken in advance or concurrently.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Psychology 971

Contemporary Issues in Psychology: Intensive Cross-level Analyses (113094)

Jill Hooley

Katherine Powers

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Examines selected issues and phenomena in contemporary psychological research. Special attention to examining topics from a variety of perspectives, to reading primary sources in the field, and to developing thinking, writing, research, and discussion skills. This tutorial, or Psychology 975, is required of concentrators upon entering the concentration, normally in the sophomore year. Letter graded.

Course Notes: **Students may take this course before formally declaring Psychology as their concentration. Psy 971 and Psy 975 are interchangeable for Psychology requirements.**

Class Notes: **Students interested in enrolling in tutorial should come one of two important informational meetings to discuss sectioning on Monday 1/27, 12-12:30pm or 5-5:30pm in WJH 1550.**

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) before enrolling in this course; or permission of instructor. PSY 1900 or equivalent statistics course should be taken in advance or concurrently.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Psychology 975

Contemporary Issues in Psychology: Intensive Cross-level Analyses for Cognitive Neuroscience and Evo (122315)

Jill Hooley

Katherine Powers

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Examines selected issues of relevance to social and cognitive neuroscience addressed in contemporary

psychological research, and is normally required for students in the Social and Cognitive Neuroscience track of Psychology. Special attention to examining topics from a variety of perspectives, to reading primary sources in the field, and to developing thinking, writing, research, and discussion skills. This tutorial, or Psychology 971, is required of concentrators upon entering the concentration, normally in the sophomore year. Letter-graded.

Course Notes: **Students may take this course before formally declaring Psychology as their concentration. Psy 971 and Psy 975 are interchangeable for Psychology requirements.**

Class Notes: **Students interested in enrolling in tutorial should come one of two important informational meetings to discuss sectioning on Monday 1/27, 12-12:30pm or 5-5:30pm in WJH 1550.**

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) before enrolling in this course; or permission of instructor. PSY 1900 or equivalent statistics course should be taken in advance or concurrently.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Psychology 980AB

Habits and Habit Change (212741)

Jill Hooley

Katherine Powers

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

This course will examine habits, habit formation, and habit change at several levels of analysis, including the biological (neurobiological and endocrine), psychological (emotional, cognitive, and behavioral), and socio-cultural levels. We will examine several different models of how habits are formed and look at different approaches for behavioral change that can either moderate or overwrite old habits and replace them with either more adaptive habits or with more mindful, less automatic (habitual) behavior.

Class Notes: **The instructor is Shelley Carson, shcarson@live.com**

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, or PSY 18 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Psychology 980AC

Mood Disorders (212742)

Jill Hooley

Katherine Powers

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

Most of us feel sad or down from time to time, yet some of us experience clinical depression that can last months or years. Why are some people more vulnerable to developing depression than others? This course will draw on classic and cutting-edge empirical research to examine the etiology, symptom presentation, course, and treatment of mood disorders including depression, bipolar and related disorders.

Course Notes: **Students who have taken PSY 1855/PSY 980JK Mood Disorders cannot enroll in this course.**

Class Notes: **The instructor is Stephanie Roberts, drstephanieroberts@gmail.com**

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and one of PSY 18 or PSY 1861 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Psychology 980AD

Psychopathology and the Family (212743)

Jill Hooley

Katherine Powers

2019 Fall (4 Credits) **Schedule:** R 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

In this course, we will explore how the family impacts psychopathology, including relapse, recovery, and resilience, for a member with a mental disorder. We will examine the relationship between the family and mental health conditions like anxiety, autism, depression, manic-depressive illness, and schizophrenia from a life course and a family systems perspective. We will also examine these relationships by discussing the biopsychosocial features of the family that impact child and adolescent psychopathology. The course will focus on contemporary approaches to family life (e.g., non-parental childcare, delayed family life cycle, divorce, LGBTQ+ families, etc.), and the role these approaches play in family functioning.

Class Notes: **The instructor is John Knutsen, john_knutsen@fas.harvard.edu.**

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and and one of PSY 18 or PSY 1861 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration

Psychology 980AE

Intergroup Conflict (212744)

Jill Hooley

Katherine Powers

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

This course will review the psychological theories and research regarding intergroup conflict, ranging from the thought processes that contribute to prejudice and discrimination, to interpersonal processes that occur within a group to encourage conflict with other groups, to behavioral manifestations of bias and prejudice. Students will read original research on concepts such as implicit bias, obedience, and conformity and apply these concepts to real-world conflicts, including those centered on sex, race, ethnicity, religion, and sexual orientation. While social psychological theories are the focus of this course, implications for clinical, forensic, organizational, political, and peace psychology will be explored. Students will be encouraged to consider how the research can be applied to reduce intergroup conflict.

Class Notes: **The instructor is Lindsey Davis, lindsey_davis@williamjames.edu**

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, or PSY 18 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Psychology 980AH

Psychology of Cults (214498)

Jill Hooley

Katherine Powers

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

In November of 1978, 909 members of The People's Temple perished in Jonestown, Guyana after drinking Kool Aid laced with cyanide. David Berg of the Children of God convinced his followers to abandon their monogamous marriages, encourage pedophilia, and allow their children to be sex trafficked. How do certain groups convince people to harm and even kill themselves and their children? This course will explore the psychological mechanisms that enable cults to form and to take human belief and behavior to such extremes. What do cults share with other groups (mainstream religions, nations, everyday social interactions, etc.), and what makes them stand apart? In what ways are cults an environment in which many of our psychological tendencies (toward ingroup conformity, heuristic decision making, rationalization, etc.) are magnified? And what do cults reveal about the profound power of our social environment? We will examine case studies through the lens of empirical psychological science to uncover how psychological research can shed light on cult behavior, and how cult behavior can shed light on our everyday psychology.

Class Notes: **The instructor is Bethany Burum, burum@wjh.harvard.edu**

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or PSY 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB=7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, PSY 18 or Science of Living Systems 15 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Psychology 980JL

Clinical Psychology in Everyday Life (110203)

Jill Hooley

Katherine Powers

2019 Fall (4 Credits) **Schedule:** M 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 16

The goal of this course is to give you exposure to the types of evidence-based psychological interventions available for many clinical and non-clinical conditions, such as sadness, anxiety, substance use, insomnia, and arguments with your significant other. This seminar emphasizes intervention research across children, adolescents, and adults.

Through this seminar, you will learn to notice and apply principles of psychological intervention to the world around you, not only in theory but also in practice. The seminar is not a self-help program or a training program for providing therapeutic services to others. Instead, the weekly discussions, exercises, and assignments will help you view the world through the lens of a scientist-practitioner – and apply those

insights to everyday life in a scientific manner.

Course Notes: **This is the same course as PSY 1852 Clinical Psychology in Everyday Life, which has been offered previously. Students who have taken 1852 cannot enroll in this course.**

Class Notes: **The instructor is Lauren Santucci, lsantucci@fas.harvard.edu**

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and one of PSY 18 or PSY 1861 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

Psychology 980JO

Understanding Autism (207681)

Jill Hooley

Katherine Powers

2020 Spring (4 Credits) **Schedule:** R 0900 AM - 1130 AM

Instructor Permissions: Instructor **Enrollment Cap:** 16

One in 50 children is currently diagnosed with autism spectrum disorder (ASD), yet we still do not know what causes it, or how best to treat it. This course provides students with a broad, interdisciplinary exploration of ASD from infancy through adulthood. We explore three major themes: 1) the psychological and neurological drivers of ASD, including deficits in social cognition, executive function and perception; 2) the epidemiology and clinical practice of ASD, including diagnosis and treatment modalities, and individual and sex/gender differences; and 3) the personal and societal impact of ASD, including discussion of quality of life, neurodiversity, policy and advocacy.

Class Notes: **The instructor is John Knutsen, john_knutsen@fas.harvard.edu.**

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, PSY 18 or Science of Living Systems 15 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Psychology 980JR

Personality and Individual Differences (207802)

Jill Hooley

Katherine Powers

2019 Fall (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 16

Game of Thrones, The Bachelor or Fortnite? Do your entertainment preferences relate to different needs for stimulation caused by your genetic makeup? Or are they rooted in something deeper in your unconscious that shapes motivations and how you form connections with others? In this course, you will learn about factors that make you uniquely you. We will examine classic personality theorists and their paradigm-shifting models of personality that changed accepted thinking on healthy personality development and led to very different treatment methods for disorders like anxiety and depression. We will discuss major debates and research findings in contemporary personality psychology, including the latest research on topics such as unconscious motivation, self-efficacy, locus of control, defensive pessimism, fear of success, self-actualization, and trait theories of introversion and extraversion. Students will learn how to apply the different theoretical frameworks to better understand an individual's personality, leading to deeper insights into human nature and the people that inhabit their social worlds.

Class Notes: **The instructor is Kyra Kulik-Johnson, kyra_kulik-johnson@fas.harvard.edu**

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, PSY 18 or Science of Living Systems 15 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Psychology 980JS

But Why?: Ultimate Explanations for the Quirks of the Mind (203917)

Jill Hooley

Katherine Powers

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

Social psychology has documented many surprising features of the human mind, providing robust evidence that people deceive themselves, are systematically overconfident, believe implausible things to avoid inconsistency, and so on. Explanations often focus on proximate psychological mechanisms (e.g., we avoid inconsistency because we find it uncomfortable). But behind every proximate mechanism is an

ultimate explanation (why is inconsistency uncomfortable?)—why did evolution or learning lead us to be this way? This course will examine proximate and ultimate explanations for classic social psychological phenomena and the insight that ultimate level explanations add, with a focus on how to test ultimate explanations convincingly.

Course Notes: **This is the same course as PSY 1576 But Why? Ultimate Explanations for the Quirks of the Mind, which has been offered previously. Students who have taken 1576 cannot enroll in this course.**

Class Notes: **The instructor is Bethany Burum, burum@wjh.harvard.edu**

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or PSY 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, PSY 18 or Science of Living Systems 15 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Psychology 980JT

How Hidden Incentives Shape the Mind: The Origins of Our Beliefs and Ideologies (203916)

Jill Hooley

Katherine Powers

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

Why do our ideologies change when we are put in positions of power (e.g., victim dehumanization), or subordination (e.g., Stockholm Syndrome), or with peers with a different opinion (e.g., conformity)? Why are our moral and political ideologies so different across time and culture (e.g., the ideologies of ISIS members compared to Americans)? Why do we claim that our morals are logically justifiable when we cannot justify them (e.g., moral dumbfounding)? This course will explore the hidden incentives that can explain these and many other puzzling features of our beliefs and ideologies. Evidence from psychology, as well as philosophy, economics, history, and current events (including the election cycle), will demonstrate the crucial way that incentives outside of our awareness shape our beliefs and ideologies.

Course Notes: **This is the same course as PSY 1575 How Hidden Incentives Shape the Mind: The Origins of Our Beliefs and Ideologies, which has been offered previously. Students who have taken 1575 cannot enroll in this course.**

Class Notes: **The instructor is Bethany Burum, burum@wjh.harvard.edu**

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or PSY 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, PSY 18 or Science of Living Systems 15 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Psychology 980JU

Mind Reading v2.0 (160690)

Jill Hooley

Katherine Powers

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

Mind reading is not the stuff of science fiction, it is a complex set of mental processes honed throughout our evolutionary history that allow us to survive and thrive in a social world. But what is a mind? Who has one? Can we ever know what is in the minds of others? We will attempt to answer these questions by exploring how the human mind uses perceptual information to infer other peoples' thoughts, beliefs, and desires. In this iteration of the course, we will also explore how mind perception is mediated though social technology by reading empirical papers and designing studies to address open questions in the field. Our goal is to critically examine how our social brains, shaped by evolution to understand other minds, might thrive or wither in an increasingly connected world.

Course Notes: **This is the same course as PSY1562 Mind Reading which has been offered previously. Students who have taken 1562 cannot enroll in this course.**

Class Notes: **The instructor is Christine Looser, clooser@fas.harvard.edu**

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, or PSY 18 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

Psychology 980K

Growing Up and Growing Old: Cognitive Changes in Childhood and Aging (127535)

Jill Hooley

Katherine Powers

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

This seminar will focus on the profound cognitive changes of early childhood and old age. We will be especially interested in what such changes tell us about how the adult mind -- perched between childhood and old age -- is organized. Topics include: theories of development and theories of aging, changes in the neural substrate; the rise and fall of executive functions; conceptual gain and conceptual loss; expertise and wisdom; healthy aging and dementias.

Class Notes: **The instructor is Debbie Zaitchik-Samet, zaitchik@mgh.harvard.edu**

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, PSY 18 or Science of Living Systems 15 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Psychology 980T

Eating Disorders (119717)

Rebecca Shingleton

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

The goal of this course is to provide a comprehensive overview of DSM-5 feeding and eating disorders (EDs) with a primary focus on anorexia nervosa, bulimia nervosa, and binge eating disorder. We will explore the etiology (i.e., biological and environmental factors), symptom presentation, and empirically supported treatments across these EDs. Additional topics will include cultural considerations, gender and EDs, medical complications, impact of media/social media, and novel directions and treatments for these disorders.

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and one of PSY 18, PSY 1861 or Psyc S-1240 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Psychology 985

Junior Tutorial: Honors Thesis Preparation (111429)

Katherine Powers

Jill Hooley

2020 Spring (4 Credits) **Schedule:** R 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised reading and research with a faculty supervisor normally resulting in a thesis prospectus. Required, supplemental group meetings to discuss topic and supervisor selection, study methodology, prospectus writing, and the prospectus meeting. Graded SAT/UNS. Full prospectus or term paper required.

Course Notes: **Normally limited to junior psychology concentrators. Admission to course by way of application at http://undergrad.psychology.fas.harvard.edu/forms.**

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1), PSY 971 or 975, PSY 1900 or equivalent, and PSY 1901 in advance or concurrently.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Psychology 985

Junior Tutorial: Honors Thesis Preparation (111429)

Katherine Powers

Jill Hooley

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised reading and research with a faculty supervisor normally resulting in a thesis prospectus. Required, supplemental group meetings to discuss topic and supervisor selection, study methodology, prospectus writing, and the prospectus meeting. Graded SAT/UNS. Full prospectus or term paper required.

Course Notes: **Normally limited to junior psychology concentrators. Admission to course by way of application at http://undergrad.psychology.fas.harvard.edu/forms.**

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1), PSY 971 or 975, PSY 1900 or equivalent, and PSY 1901 in advance or concurrently.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Psychology 991A

Senior Tutorial: Honors Thesis in Psychology (213577)

Jill Hooley

Katherine Powers

2019 Fall (4 Credits) **Schedule:** T 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual supervised thesis research supplemented with occasional group meetings to discuss major aspects of the thesis process (e.g., organizing, conducting, and presenting research). Part one of a two part series. For partial-year credit, prospectus meeting required, as well as a paper for students who divide the course at mid-year. For full-year credit, submission of thesis required. Graded SAT/UNSAT.

Course Notes: **Required of and limited to senior psychology thesis writers.**

Class Notes: **Fall 2019 First Meeting Location:**
William James Hall 303 from 1:30 PM - 2:45 PM:
- Tuesday, September 3, 2019

Recommended Prep: **The Psychology Department requires the following in advance of taking the Senior Tutorial: completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1), PSY 971 or 975, PSY 1900 or equivalent, PSY 1901, a lab course, and an approved thesis application.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

Psychology 991B

Senior Tutorial: Honors Thesis in Psychology (213578)

Jill Hooley

Katherine Powers

2020 Spring (4 Credits) **Schedule:** T 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual supervised thesis research supplemented with occasional group meetings to discuss major aspects of the thesis process (e.g., organizing, conducting, and presenting research). Part two of a two part series. For partial-year credit, prospectus meeting required, as well as a paper for students who divide the course at mid-year. For full-year credit, submission

of thesis required. Graded Sat/Unsat.

Course Notes: **Required of and limited to senior psychology thesis-writers.**

Recommended Prep: **The Psychology Department requires the following in advance of taking the Senior Tutorial: completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1), PSY 971 or 975, PSY 1900 or equivalent, PSY 1901, a lab course, and an approved thesis application.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences

Psychology 991B

Senior Tutorial: Honors Thesis in Psychology (213578)

Jill Hooley

Katherine Powers

2019 Fall (4 Credits) **Schedule:** T 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual supervised thesis research supplemented with occasional group meetings to discuss major aspects of the thesis process (e.g., organizing, conducting, and presenting research). Part two of a two part series. For partial-year credit, prospectus meeting required, as well as a paper for students who divide the course at mid-year. For full-year credit, submission of thesis required. Graded Sat/Unsat.

Course Notes: **Required of and limited to senior psychology thesis-writers.**

Recommended Prep: **The Psychology Department requires the following in advance of taking the Senior Tutorial: completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1), PSY 971 or 975, PSY 1900 or equivalent, PSY 1901, a lab course, and an approved thesis application.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

FAS: Course Level	Primarily for Undergraduate Students

Psychology 1005

Health: A Positive Psychology Perspective (126556)

Ellen Langer

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Why does it seem that some people are so resilient and content? This course looks at psychological and physical health from the perspective of Positive Psychology. The major focus will be on mindfulness theory and its relationship to stress/coping; illness/wellness; decision-making; and placebos. The medical model, the biosocial model, and a unified mind-body model will be compared to examine their role in becoming mindful and thus healthier, happier and less stressed.

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, PSY 18 or Science of Living Systems 15 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Psychology 1009

Psychology of Women (110216)

Nicole Noll

2020 Spring (4 Credits) **Schedule:** WF 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 16

How does being a woman affect our behavior, our evaluations of ourselves, and our interactions with others? This course examines psychological science on women and girls in western industrialized societies, addressing such topics as gender stereotypes, girlhood, women and work, relationships, pregnancy and motherhood, mental health, violence against women, and women in later adulthood. We will consider these topics through an understanding of gender as a social construction, being mindful of the intersections of gender, sexuality, class, and race. Although focused on women's lives and experiences, this course is highly relevant to people of all genders.

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, PSY 18 or Science of Living Systems 15 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Psychology 1012

Psychology of Music (213334)

Natasha Parikh

2019 Fall (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 40

Why do we turn to Adele when sad? Play classical music to help focus? Go sing karaoke on a night out with friends? Music has the ability to influence our emotions, spark creativity, and influence relationships with people around us. But what makes music so universal? In this course, we will examine how listening to music, playing an instrument, and composing new music affect and are affected by a person's psychology. We will cover topics such as what makes music sounds happy vs. sad, how music can be used for therapy, and whether animals can actually dance along to music, through the lens of psychological science.

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, PSY 18 or Science of Living Systems 15 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Psychology 1013

The Mind's Eye: Psychology of Imagination (213335)

Natasha Parikh

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Day dreaming. Having a song stuck in your head. Trying to picture a diagram from the textbook during a test. All of these activities require some sort of imagination, or simulating ideas, images or concepts that do not physically exist around you. We use imagination to guide us when making decisions ("What will happen if I choose this?"), when playing with friends ("Pretend the floor is lava!"), and when remembering past events ("I can *almost* picture it."). This course will examine the psychology of imagination to uncover how and why we imagine. By exploring the role of imagination in children's play as well as in hallucinations common to schizophrenia, we will trace the functions of fantasizing across development and

individuals. Though the course will focus largely on visual and verbal imagery, we will spend a little time on auditory and other sensory imaginations as well.

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, PSY 18 or Science of Living Systems 15 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Psychology 1014

How Students Learn: Psychological Science in the Classroom (207881)

Jessica Schwab

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

As students, we can become accustomed to sitting through hours of lectures, transcribing those lectures, and cramming for exams. But is this the best educational method for promoting student learning? And are the same strategies effective for everyone? This course explores the intersections of psychology and education to reveal the science underlying the best practices of learning and teaching. Topics include the influence of attention, cognitive development, emotion regulation, stereotype threat, growth mindset, and motivation on learning. Through in-class demonstrations and the development of evidence-based lessons, we will wrestle with how to apply psychological principles to enhance the practice of teaching and learning. This course includes an experiential component in which you will learn study strategies and practical tips to enhance your own learning and performance in the classroom.

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, PSY 18 or Science of Living Systems 15 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

Psychology 1201

Your Brain on Drugs: Psychopharmacology (122224)

Scott Lukas

2019 Fall (4 Credits) **Schedule:** WF 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 101

An introduction to how drugs affect mood, sensation, consciousness, and other psychological and behavioral functions in both healthy and disease states. Introduces concepts in neuroscience and pharmacology to understand how drugs are used to treat drug abuse, psychiatric disorders and why individuals use recreational drugs. Covers all CNS drugs, including antidepressants, antipsychotics, alcohol, and both licit and illicit drugs of abuse. Debates controversial topics such as research with psychiatric populations, diagnosing ADHD, teenage suicide, marijuana legalization, and needle exchange programs.

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 18, MCB 80, MCB 81 or Psyc S-1240 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Psychology 1202

Modern Neuroanatomy (203208)

Randy Buckner

2020 Spring (4 Credits) **Schedule:** M 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

How does the global architecture and local organization of brain systems support behavioral and cognitive functions? In this class, classical and newer neuroanatomical discoveries will be discussed that cover what defines brain areas; how areas are organized into parallel, distributed circuits; how distinct areas and systems are organized; and how anatomical form relates to function. Anatomy in the human brain and from model systems (worm, mouse, barn owl, and monkey) will be used to illustrate principles. Newer techniques and analytical approaches will be discussed including micro-scale and macro-scale connectomics. The goal of this class is to survey examples of how emerging understanding of neuroanatomy provides insight into function. Each class will consist of lecture and discussion.

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 18, or MCB 80 before enrolling in this course, or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

FAS Divisional Distribution	Science & Engineering & Applied Science

Psychology 1305

Evolutionary Psychology (156054)

Max Krasnow

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Why are humans the way we are? What explains why we get angry, who we find attractive, and why we think the way we do? How are we different than other species, how are we the same, and why? In this course, students will master the foundational logic of evolutionary psychology and come away able to answer these questions and more. We will cover topics across the range of human experience including: cooperation, mating, friendship, aggression, warfare, collective action, kinship, parenting, social learning, dietary choice, spatial cognition, reasoning, emotions, morality, personality and individual differences, and culture. We will close by considering how our new understanding of human nature can help us solve problems in our world (for example, how understanding human coalitional psychology offers solutions to modern day political polarization).

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, PSY 18 or Science of Living Systems 15 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Psychology 1309

Essentials of fMRI for Cognitive Neuroscientists (207573)

Talia Konkle

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0230 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

With functional magnetic resonance imaging (fMRI), we can now see into the human brain and map activity across different regions. If you are using fMRI in your research, or think you may want to in the future, this course will cover the critical aspects of neuroimaging with the goal of making you an informed practitioner. In the first part of the course, we will cover content including signal acquisition, experimental protocol design and power, and the general linear modeling framework for data analysis. In the second part of the course, we will survey the recent advances in fMRI data analysis, e.g. multivariate analyses, voxel-wise encoding models, functional connectivity analyses. Depending on your level of experience, you will complete a project that employs one of these techniques, either on your own dataset, or from datasets available online.

Course Notes: **This course is intended for both advanced undergraduates and graduate students.**

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, MCB 80, or MCB 81 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Psychology 1322

Decisions Big and Small: The Cognitive Science of Making Up Your Mind (212749)

Tomer Ullman

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Life is full of decisions, but not all decisions are made equal. Choices can be big and consequential (should I focus on my success, family, or passion), or small and everyday (going out, or staying in). This course will introduce you to the cognitive science of judging and choosing. You will learn about 1) Rational planning, the kind a perfect intelligence might carry out 2) Common simplifications and shortcuts that non-perfect humans use, and how these may actually be appealing approximations for any decision-making system 3) Regret over choices taken and not taken 4) Making decisions with others 5) Transformative decisions, the ones that change who you are as a person. As we cover these topics, we will consider how to apply the insights from the psychology of decision making to your own ordinary and extraordinary choices.

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, or PSY 18 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Social Sciences

Psychology 1355

The Adolescent Brain (110064)

Leah Somerville

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

This course will introduce students to the dynamics of brain development during the second decade of life. This course will examine key changes in structural, functional, connectivity, and neurochemical changes that take place in the brain during adolescence. We will assess how these changes influence several domains of the adolescent mind, including self-control, risky decision making, changes in daily emotions and moods, the onset of psychiatric illnesses (such as mood and anxiety disorders), and sensitivity to social evaluation. After building foundational knowledge in these areas, we will consider how to use this research to inform societal issues including trends in parenting, defining when a person reaches "adulthood", and considering when a person should be held responsible for their actions.

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, PSY 18, MCB 80 or MCB 81 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Psychology 1401

Computational Cognitive Neuroscience: Building Models of the Brain (160656)

Samuel Gershman

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 48

"What I cannot create, I do not understand." This course applies Richard Feynman's dictum to the brain, by teaching students how to simulate brain function with computer programs. Special emphasis will be placed on how neurobiological mechanisms give rise to cognitive processes like learning, memory, attention, decision-making, and object perception. Students will learn how to understand experimental data through the lens of computational models, and ultimately how to build their own models.

Course Notes: **Anti-Requisite: Cannot be taken for credit if Neuro 1401 already complete.**

Class Notes: **PSY 1401 is also offered as Neuro 1401. Students may not enroll in both.**

Recommended Prep: **Students be comfortable with a numerical programming language (e.g., Python, Matlab, R). Psychology concentrators should have taken Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, PSY 18, Science of Living Systems 15, MCB 80 or MCB 81 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Psychology 1406

Biological and Artificial Visual Systems: How Humans and Machines Represent the Visual World (212748)

George Alvarez

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0530 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Someday, perhaps very soon, artificial intelligence will enable machines to perceive the world around us better than humans do. Whether AI systems will do so by emulating human perception, or by becoming supra-human and circumventing biological constraints entirely, is yet unknown. In this course, we will survey research on human and machine perception, with an emphasis on vision: How do humans and machines represent the visual world? What does human vision do that artificial neural networks don't (yet)? How can we understand human perception better by focusing on artificial neural networks, and vice versa? By focusing on this intersection between biological and artificial visual systems, we will learn what makes humans fundamentally unique and special, while simultaneously learning about cutting edge discoveries in both fields.

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, or PSY 18 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Social Sciences

Psychology 1451

Debugging the Brain: Computational Approaches to Mental Dysfunction (203211)

Samuel Gershman

2019 Fall (4 Credits) **Schedule:** R 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This course examines recent work applying computational models to mental disorders. These models formalize psychopathology in terms of breakdown in fundamental neurocognitive processes, linking normal and abnormal brain function within a common framework. Computational modeling has already begun to yield insights, and even possible treatments, for a wide range of disorders, including schizophrenia, autism, Parkinson's, depression, obsessive-compulsive disorder, and attention-deficit hyperactivity disorder. The course will consist of weekly readings from the primary literature, with one student leading the discussion of each paper

Course Notes: **Open to graduate students and advanced undergraduates, with permission of instructor.**

Recommended Prep: **For Psychology concentrators: the Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and either PSY 18 or PSY 1401 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Psychology 1454

Neuroscience Fiction: An Introduction to Cutting Edge Neuroscience through the Lens of Film and Tele (156569)

George Alvarez

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0530 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Film and television shows often capture the cutting edge of science, and they sometimes even anticipate future scientific advances. We'll use examples from film and television as an introduction to several hot topics in the field of neuroscience, such as Mind Control, Mind Reading, Smart Pills, and Brain Machine Interfaces, which are all getting closer to reality. Will neuroscientists ever be able to control a person's thoughts, or to know what a person is thinking? Can taking a pill really awaken untapped brain power? Will you ever be able to drive a car without touching a steering wheel? In this course, we will cover the state of the art and the future of these exciting areas of neuroscience (and entertainment). Because these are not textbook topics, this is an advanced course that will focus on reading and discussing the primary literature.

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14 or MCB 80 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

Psychology 1503

Psychology of Close Relationships (107602)

Holly Parker

2020 Spring (4 Credits) **Schedule:** M 0600 PM - 0800 PM

Instructor Permissions: Instructor **Enrollment Cap:** 150

This course is an in-depth exploration of close relationships. Examples of topics to be covered include the

biological bases of attraction; relationship formation; the end of relationships through break-up, divorce, or death; relationship satisfaction; deception; gender roles; same-sex relationships; loneliness; relationships and well-being; and public perceptions about relationships. You will have an opportunity to explore these topics primarily through critical examination of the empirical literature as well as through popular press.

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, PSY 18 or Science of Living Systems 15 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Psychology 1518

Defectors, Cheaters, and Thieves: Why Cooperation is Hard and Why Humans are Good at It (213254)

Regan Bernhard

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** 40

On January 2nd, 2007, Wesley Autrey was waiting for the subway in Manhattan with his two young daughters when he saw a man have a seizure and fall onto the subway tracks. As a train approached, Autrey dove onto the tracks, and threw his body over the other man, shielding him from the train as it passed over them. This act of heroism could have cost Autrey his life, leaving his two daughters without a father, and he had nothing to gain from saving the other man. Yet humans from all cultures around the world are willing to pay personal costs to provide benefits for other individuals or for the greater good. In this class we will seek to understand why humans engage in cooperative behavior, covering topics such as altruism, punishment, reputation, and moral emotions. We will do this in two ways: First by learning about the empirical research on the psychology of cooperation, and second, by examining the psychology of cooperation in movies, literature, history, and the news.

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, PSY 18 or Science of Living Systems 15 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Psychology 1519

Psychology of Competition and Peak Performance (213353)

Emily Hangen

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 40

Competition is ubiquitous: athletes compete on the sports field, dancers and actors audition for coveted roles, candidates vie for employment or political positions, businesses compete for profit, and students compete for scholarships and program admission. Why do some individuals choke under the pressure of competition, while others thrive? How does having an audience or competitor watching you affect how well you perform? In this course we will elucidate the relation between competition and performance in discussions of social comparison theory, social facilitation, goal adoption, the opposing process model of competition, performance under stress, deliberate practice, how individuals react to failure, and more. You will develop a scientifically-grounded understanding of how competition affects motivation and performance and learn practical, evidence-based tips for how to reach your own peak performance.

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, PSY 18 or Science of Living Systems 15 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

Psychology 1585

On and Beyond the Witness Stand: Social Psychology and Law (207887)

Joseph Vitriol

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** 40

Why do eyewitnesses often identify the wrong suspect? What leads innocent people to confess to crimes they did not commit? How do jurors evaluate trial evidence and arrive at a verdict? This course examines the interface between social psychological research and the law to address such questions. We will examine scientific evidence and scholarly perspectives surrounding the role of psychological experts in the legal system; the use of social science in law and public policy; criminal behavior and policing; eyewitness memory and lineup procedures; lie detection and police interrogation; innocence and false confessions; jury selection and decision-making; judicial and prosecutorial discretion; and implicit bias and discrimination litigation. This course will equip students with a scientific understanding of how psychology can be used to both inform and improve our legal system and public policies.

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, or PSY 18 before**

enrolling in this course; or permission of instructor.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam

Psychology 1586

Confronting Bias in the Self and Others (207888)

Joseph Vitriol

2019 Fall (4 Credits) **Schedule:** M 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 16

Most people reject hostile expressions of prejudice and are motivated to reduce bias in their judgment and behavior, but many groups continue to be marginalized and discriminated against in modern society. Targets of prejudice often experience interpersonal and institutional discrimination that undermines their psychological well-being and economic mobility. In this course, we will critically examine the psychological processes that underpin conscious and unconscious forms of prejudice and stereotyping. We will examine the effectiveness of interventions for reducing bias, considering how and why many people fight back rather than self-improve when confronted with evidence of their own bias or that of others in society. Together we will work to develop a scientific understanding of how modern forms of prejudice and discrimination operate in human relations and how to confront biases in the self and others.

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, or PSY 18 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

Psychology 1587

Fake News and Political Misperceptions (207890)

Joseph Vitriol

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

At its core, politics is about the psychology of persuasion—through rhetorical machination, argumentation, and debate, communicators try to influence how citizens think about an issue, candidate, or event. In the

age of "fake news" and alternative facts, where misleading, sensationalized, or disproven information abounds, how individuals arrive at their political beliefs and acquire political knowledge is of central importance. In this class, we will step "inside the mind" of citizens and political elites to explore the psychological processes underlying the persistence and consequences of misinformation for political psychology. We will examine interdisciplinary perspectives on mass communication, the structure and function of belief systems and political identity, and strategies for correcting political misperceptions (which often fail). A major goal of this course is to consider how psychological science contributes to our understanding of politics, and how the study of politics advances our understanding of human nature.

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, or PSY 18 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Psychology 1588

Nudge Psychology: How Small Unseen Forces Shape Thoughts, Feelings, and Behavior (213253)

Regan Bernhard

2019 Fall (4 Credits) **Schedule:** W 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Changing the wording used to remind patients of upcoming medical appointments saved a London hospital millions of dollars by drastically dropping the missed appointment rate. When Spain moved from an opt-in to opt-out organ donation system, the number of organ donors skyrocketed. In this course we will study the power of nudges like this -- subtle but powerful changes in the environment that can counteract behavioral biases and encourage better decisions. We will start with learning about dual-systems models of the mind and then explore how these systems interact to make us vulnerable to bias, heuristics, jumping to conclusions, and erroneous decision-making. Finally, we will investigate how nudges have been leveraged to positively influence behavior and improve social systems. Students will have the opportunity to design and implement their own nudges to improve some aspect of their environments.

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, PSY 18 or Science of Living Systems 15 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Psychology 1589

The Moral Life of Babies (213251)

Regan Bernhard

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

Two-year-olds are among the most anti-social people on earth. They respond to the smallest slight with screaming, thrashing, kicking, and spitting. They take what they want, when they want it without concern for others. They hit and bite other children just to see what will happen. Yet, psychological research also shows that even very young babies prefer those who help to those who harm, suffer when they see others in pain, favor equal allocations of resources, and expect good actions to be rewarded and bad actions to be punished. What explains this discrepancy? In this course we will explore the science of social development focusing specifically on what aspects of social cognition might be innate and which likely develop through childhood. Topics include the development of fairness, morality, theory of mind, empathy, cooperation and punishment, and harm aversion.

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, PSY 18 or Science of Living Systems 15 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Psychology 1590

Driven to Succeed: Understanding Human Motivation (213354)

Emily Hangen

2020 Spring (4 Credits) **Schedule:** M 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 16

What motivates people to give their best efforts? Are you driven by awards, curiosity, challenges? Is all motivation created equal or do some types of motivation lead to burnout while others fuel long-term success? To understand the complexities of human motivation, we will discuss a variety of motivation frameworks such as self-determination theory, expectancy-value theory, and achievement goal adoption. This course will focus on student motivation in particular, but motivational principles discussed are broadly applicable. We will also consider how emotions, grit, relationships with others, and stress affect motivation. With an understanding of what affects motivation, students will explore practical implications by evaluating motivation interventions and by formulating individualized motivational plans.

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, PSY 18 or Science of Living Systems 15 before enrolling in this course; or permission of**

instructor.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Psychology 1591

The Power of Others: Social Influence and Persuasion (213355)

Emily Hangen

2020 Spring (4 Credits) **Schedule:** W 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 20

How does social psychological research contribute to our understanding of courtroom decisions, shopping habits, and guide effective leadership? What are the key ingredients of effective persuasion? This course centers on the powerful impact other people have on our thoughts, attitudes, and behaviors. Students in this course will gain familiarity with a breadth of scientific findings on influence such as framing, reciprocity, social proof, and commitment. Students will create a podcast utilizing or describing how to apply two of these techniques as their capstone assessment. In addition to developing a deeper understanding of the science of persuasion, student will use this empirical basis to deliberate on how to leverage and resist social influences in their everyday lives.

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, PSY 18 or Science of Living Systems 15 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Psychology 1651R

Language Development: Undergraduate Laboratory Course: Research Seminar (123244)

Jesse Snedeker

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Students participate in research on language acquisition, language comprehension, and language production. Each student has responsibility for a project. Weekly meeting to discuss student projects and readings that are relevant to them. Ten hours a week commitment (includes lab meeting).

Course Notes: **For undergraduates seeking research experience, especially in**

preparation for undergraduate theses.

Class Notes: **To express interest in enrollment, please email the instructor at snedeker@wjh.harvard.edu prior to the first class meeting.**

Recommended Prep: **Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) plus either Science of Living Systems 15 or PSY 16**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students

Psychology 1651R

Language Development: Undergraduate Laboratory Course: Research Seminar (123244)

Jesse Snedeker

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Students participate in research on language acquisition, language comprehension, and language production. Each student has responsibility for a project. Weekly meeting to discuss student projects and readings that are relevant to them. Ten hours a week commitment (includes lab meeting).

Course Notes: **For undergraduates seeking research experience, especially in preparation for undergraduate theses.**

Class Notes: **To express interest in enrollment, please email the instructor at snedeker@wjh.harvard.edu prior to the first class meeting.**

Recommended Prep: **Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) plus either Science of Living Systems 15 or PSY 16**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

Psychology 1652R

Laboratory in Early Cognitive Development (117880)

Elizabeth Spelke

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

This is a laboratory methods course that provides students with hands-on experience in a cognitive development lab. The aim of the course is for students to engage in all aspects of the scientific process - from experimental design to data collection and interpretation - by working in a lab, and by participating in weekly meetings where key questions and findings in the field are discussed.

Class Notes: **To express interest in enrollment, please email Bill Pepe at wpepe@fas.harvard.edu prior to the first class meeting.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students

Psychology 1652R

Laboratory in Early Cognitive Development (117880)

Elizabeth Spelke

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

This is a laboratory methods course that provides students with hands-on experience in a cognitive development lab. The aim of the course is for students to engage in all aspects of the scientific process - from experimental design to data collection and interpretation - by working in a lab, and by participating in weekly meetings where key questions and findings in the field are discussed.

Class Notes: **To express interest in enrollment, please email Bill Pepe at wpepe@fas.harvard.edu prior to the first class meeting.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Psychology 1654

What Infants Know, How Children Learn (125979)

Elizabeth Spelke

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

Despite recent advances in computer science and machine learning, human infants remain the most prodigious learners on the planet. This seminar considers the origins and nature of human cognitive development in four broad domains: knowledge of objects and their physical relationships, knowledge of people and social relationships, knowledge of geometry and the larger spatial layout, and knowledge of numbers and mathematics. We will discuss how these foundational cognitive building blocks support

humans' ability to explain, understand, and generalize, skills that are critical for successfully navigating our surroundings. Understanding these core psychological competencies has become essential to progress in many areas of society, including efforts to improve education, to create digital "cognitive assistants" who help us navigate, plan, and remember things, and to develop human-like artificial intelligence. Building on findings from basic research, we will consider how each of these efforts can be advanced.

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

Psychology 1655R

Conceptual Development: Undergraduate Laboratory Course (119243)

Susan Carey

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Students participate in research on conceptual development and language acquisition. Each student has responsibility for a project. Weekly lab meeting to discuss student projects and readings relevant to them. Ten hours a week commitment (includes lab meeting).

Course Notes: **Open to undergraduates seeking research experience, especially in preparation for undergraduate theses.**

Class Notes: **To express interest in enrollment, please email Nancy Soja at nnsoja@fas.harvard.edu.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Psychology 1655R

Conceptual Development: Undergraduate Laboratory Course (119243)

Susan Carey

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Students participate in research on conceptual development and language acquisition. Each student has

responsibility for a project. Weekly lab meeting to discuss student projects and readings relevant to them. Ten hours a week commitment (includes lab meeting).

Course Notes: **Open to undergraduates seeking research experience, especially in preparation for undergraduate theses.**

Class Notes: **To express interest in enrollment, please email Nancy Soja at nnsoja@fas.harvard.edu.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Psychology 1662

The First Five Years: Parenting and the Developing Mind (207885)

Jessica Schwab

2019 Fall (4 Credits) **Schedule:** W 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 16

How important are caregivers' actions for determining their children's destinies? In this seminar, we will delve into the ongoing scholarly debate about the extent to which parents can influence children's development over and above their genetic inheritance, with a focus on the first five years of life. We will reason through controversial parenting issues from the perspective of cognitive science, including questions such as what are the pros and cons of breastfeeding? How detrimental is "screen time" to a child's health and well-being? Does raising children to be bilingual help or harm their language development? Given the ubiquity of parenting advice and claims about child development – in combination with our own personal biases as former children and possible future parents – the goal for this course is to become more effective consumers of developmental science and learn to utilize empirical evidence in drawing our own conclusions about early childhood development.

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, PSY 18 or Science of Living Systems 15 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Psychology 1702

The Emotional Mind (108490)

Leah Somerville

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Not only do emotions permeate our everyday lives, they have aided in the survival of the human species. But what are emotions, and what are they good for? What causes us to experience an emotion? And how do emotional responses, in turn, influence our perception, memory, decision-making, and psychological well-being? This course will address these questions by drawing on key advances from historical, philosophical, psychological, and neuroscientific perspectives.

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from MCB 80, MCB 81, PSY 14, PSY 15, PSY 16, PSY 18 or Science of Living Systems 15 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

Psychology 1750

Free Will, Responsibility, and Law (123305)

Joshua Greene

2019 Fall (4 Credits) **Schedule:** M 0345 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Examines the issues of free will and responsibility from philosophical, psychological, and neuroscientific perspectives, with special attention paid to potential legal applications.

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, or PSY 18 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

Psychology 1801

Anxiety Disorders (114346)

Richard McNally

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Concerns current theory and research on the etiology and treatment of anxiety disorders (e.g., panic disorder, obsessive-compulsive disorder, social phobia, post-traumatic stress disorder). Cognitive, behavioral, and biological approaches are emphasized.

Class Notes: **FIRST CLASS MEETING: Please note that there will be no class on Monday, January 27. The first class meeting will be on Wednesday, January 29.**

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and one of PSY 18 or PSY 1861 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Psychology 1809

Science of Stress (207564)

Katie McLaughlin

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 100

Stress is a universal human experience. Why do we experience stress? What are common causes of stress in our modern world? How does stress influence our emotions and the way we think and behave? What are the consequences of stress for our health and well-being? Why are some people more vulnerable to developing stress-related illnesses than others? And perhaps most importantly – what are the most effective strategies for coping with stress? This course will address these questions with a particular focus on translating advances in the science of stress and stress management to help students learn how to manage stress more effectively in their lives.

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam

FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Psychology 1853

Self-Destructive Behaviors (119189)

Matthew Nock

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Why do some individuals intentionally engage in behaviors that cause themselves direct bodily harm, such as suicide and self-mutilation? We explore past and current models for understanding self-harm behaviors. We consider the classification, etiology, assessment, and treatment of self-harm behaviors from psychological, developmental, contextual, and biological perspectives.

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and one of PSY 18 or PSY 1861 before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Psychology 1861

Developmental Psychopathology (116095)

John Weisz

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An overview of psychological problems and mental disorders in childhood and adolescence. Topics include internalizing conditions (e.g., anxiety, depression), externalizing conditions (e.g., conduct disorder and ADHD), eating disorders, autism, and child responses to maltreatment and other forms of trauma. Theoretical perspectives, diagnostic criteria, etiology, and treatment approaches are examined.

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1), or permission of instructor, before enrolling in this course.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

Psychology 1900

Introduction to Statistics for the Behavioral Sciences (118254)

Thomas Rusch

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Provides a conceptual and practical introduction to statistics used in psychology and other behavioral sciences. Covers basic topics in statistics including: measures of central tendency and variability; probability and distributions, correlations and regression, hypothesis testing, t-tests, analysis of variance, and chi-square tests. Includes a lab section with instruction in statistical analysis using a computer program.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students
Quantitative Reasoning with Data	Yes
FAS Course Roll	FAS Course Roll

Psychology 1900

Introduction to Statistics for the Behavioral Sciences (118254)

Patrick Mair

2019 Fall (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Provides a conceptual and practical introduction to statistics used in psychology and other behavioral sciences. Covers basic topics in statistics including: measures of central tendency and variability; probability and distributions, correlations and regression, hypothesis testing, t-tests, analysis of variance, and chi-square tests. Includes a lab section with instruction in statistical analysis using a computer program.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
Quantitative Reasoning with Data	Yes
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

Psychology 1901

Methods of Behavioral Research (127078)

Jessica Schwab

2020 Spring (4 Credits) **Schedule:** M 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 40

This is a laboratory course only. Our goal is for you to master the essentials of behavioral experimentation through a succession of projects, starting with a small number of fundamental paradigms that can be used in many areas of psychology, culminating with a larger final project. Emphasis will be on acquiring practical laboratory skills and more abstract conceptual tools. Basic aspects of data exploration and analysis will be covered. A high value will be placed on the communication of results through effective visual graphics in oral and written reports.

Course Notes: **There will be a required lab session in addition to lecture (schedule TBD, there is typically an afternoon and evening option). Students must be able to attend the lab session in order to enroll in the course.**

Class Notes: **Students must be able to attend one of the following lab sessions in order to enroll in the course: Tuesdays 10:30-11:45am or Wednesdays 6:00-7:15pm.**

Recommended Prep: **The Psychology Depatment requires completion of Psychology 1900, Statistics 100, 101, 102, 104, or the equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Psychology 1903

Programming for Psychologists (213336)

Natasha Parikh

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

Modern psychology labs look similar to tech offices and startups, filled with researchers sitting behind computers writing code. In this course, we will cover fundamental coding practices and computational tools used frequently in psychology research. We will go over the basics of coding, how to run experiments in PsychoPy (Python), how to keep a digital lab notebook, univariate data analyses in R and/or Python, and how to make graphs in R with ggplot. Through this process, students will have the opportunity to develop and run a simple experiment from start to finish. This course is ideal for students considering or beginning a thesis, students interested in graduate school, or students who want more experience in data science or programming.

Course Notes: **This course is open to all students who have completed the prerequisite coursework; no background in programming or coding is assumed or required.**

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and PSY 1900 or the equivalent of introductory statistics before enrolling in this course; or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Psychology 1950

Intermediate Statistical Analysis in Psychology (121738)

Patrick Mair

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 24

This course offers intense, foundational exposure to psychological statistics, focusing heavily on analysis of variance (one-way, factorial, repeated-measures, mixed-model). Other topics include: exploratory data analysis, sampling distributions, null hypothesis significance testing, t-tests, fixed versus random effects, post hoc and planned comparisons, correlation, simple regression, the general linear model, chi-square tests, nonparametric statistics, confidence intervals, and meta-analysis.

Course Notes: **Required of doctoral students in Psychology.**

Recommended Prep: **One of Psychology 1900, Statistics 100, 101, 102, 104, or the equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Psychology 1952

Multivariate Analysis in Psychology (117879)

Thomas Rusch

2020 Spring (4 Credits) **Schedule:** TR 0600 PM - 0715 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course introduces advanced statistical methods for the empirical measurement of abstract constructs and multivariate analysis. Topics include: Bayesian statistics, non- and semiparametric regression models, conditional process models, reliability and validity, exploratory and confirmatory factor analyses, structural equation modeling and growth curve modeling.

Recommended Prep: **The Psychology Department requires completion of PSY 1950 or equivalent.**

Requirements: **Prerequisite: PSY 1950 or equivalent**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

Psychology 2010

Contemporary Topics in Psychological Research (118790)

Matthew Nock

2019 Fall (4 Credits) **Schedule:** MW 0600 PM - 0800 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Advanced survey of research topics in cognition/brain/behavior, development, experimental psychopathology, clinical and social psychology.

Course Notes: **Required of, and limited to, first-year doctoral students in the department of Psychology.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Psychology 2020

Cognition, Brain, and Behavior: Proseminar (122608)

Alfonso Caramazza

2020 Spring (8 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Advanced survey of research topics in cognition, brain, and behavior.

Course Notes: **Limited to doctoral students in Psychology.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences

Psychology 2040

Contemporary Topics in Psychopathology (140850)

Jill Hooley

2020 Spring (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Advanced survey of current topics in experimental psychopathology.

Course Notes: **Required of first- or second-year Harvard doctoral students in clinical psychology or experimental psychopathology. Open to other graduate students in the Psychology Department with permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Psychology 2070

Psychometric Theory and Methods (204369)

Patrick Mair

2019 Fall (4 Credits) **Schedule:** R 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 24

By its classical definition, Psychometrics is concerned with the theory and techniques of psychological measurement. In this class we will cover a wide variety of modern psychometric methods; a big portion of them going beyond the classical psychometrics definition boundaries.

We start the class with a variety of exploratory scaling methods where the aim is to scale and visualize association patterns in complex, multivariate datasets. Such techniques include principal components analysis (PCA), correspondence analysis (CA), Gifi models, multidimensional scaling (MDS), and biplots. There will also be units on networks where we cover network analysis as well as more advanced techniques such as latent networks.

One unit (psychometric theory) will be held by Richard McNally where he will cover theories of intelligence, personality, and behavior genetics fundamentals.

At the end we have units covering parametric psychometric models. We deal with models for analyzing preference data (ratings, rankings, paired comparisons), and give an introduction into item response theory (IRT). All topics covered will be supported by corresponding computations and illustrations in R and supported by lab sections. R knowledge is required for this class.

Recommended Prep: **The Psychology Department requires that both Harvard graduate and undergraduate students have completed Psych 1950 (or an equivalent course), as well as having basic R knowledge.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students

Psychology 2112

Field Experiments in Psychology and Economics (215685)

Elizabeth Spelke

Gautam Rao

2020 Spring (4 Credits) **Schedule:** R 0345 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Many societal questions can be informed by randomized controlled field experiments, combining the methods of psychology and cognitive science with those of economics. This seminar will focus on a series of topics amenable to experiments of this sort, to be chosen in accord with the interests of students and faculty. Possible topics include: how to educate the world's children; to strengthen families and promote better parenting; to defuse social conflicts; to use the internet and other digital media to increase knowledge rather than ignorance; or to encourage people to adopt practices that will improve their health and that of the planet.

Course Notes: **This course will be co-taught by the following faculty at Harvard and MIT: Elizabeth Spelke (Harvard Psychology), Esther Duflo (MIT Economics), Frank Schilbach (MIT Economics), and Gautam Rao (Harvard Economics). This course is intended for graduate students in Economics, Psychology, and related fields at Harvard or MIT who commit to doing the weekly readings and presentations.**

Class Notes: **The seminar will meet on Thursdays, 3:45-5:45pm, in alternate weeks at MIT and Harvard. The first meeting is at 4pm on Feb. 6th and will take place at Harvard in William James Hall B6.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

Psychology 2160R

Laboratory for Affective and Developmental Neuroscience (108491)

Leah Somerville

2019 Fall (4 Credits) **Schedule:** F 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Conduct research on emotion processing and/or adolescent socioemotional development, incorporating methods of cognitive neuroscience including functional brain imaging (fMRI). Read and discuss current issues in the fields of affective, cognitive, and developmental neuroscience.

Class Notes: **To express interest in enrollment, please email the lab at andl@g. harvard.edu prior to the first class meeting, and fill out the survey at https://docs.google. com/forms/u/1/d/e/1FAIpQLSdCOBQ1BFYJ_nt4EK5XYMaWdScZyM7J2 zvmSowF5-ggq52AEQ/viewform?c=0&w=1&usp=send_form.**

Recommended Prep: **For undergraduates, Science of Living Systems 20 or Psychology 1 or**

the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from MCB 80, MCB 81, PSY 14, PSY 15, PSY 16, PSY 18 or Science of Living Systems 15.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Psychology 2160R

Laboratory for Affective and Developmental Neuroscience (108491)

Leah Somerville

2020 Spring (4 Credits) **Schedule:** F 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Conduct research on emotion processing and/or adolescent socioemotional development, incorporating methods of cognitive neuroscience including functional brain imaging (fMRI). Read and discuss current issues in the fields of affective, cognitive, and developmental neuroscience.

Class Notes: **To express interest in enrollment, please email the lab at andl@g.harvard.edu prior to the first class meeting, and fill out the survey at https://docs.google.com/forms/u/1/d/e/1FAIpQLSdCOBQ1BFYJ_nt4EK5XYMaWdScZyM7J2zvmSowF5-ggq52AEQ/viewform?c=0&w=1&usp=send_form.**

Recommended Prep: **For undergraduates, Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from MCB 80, MCB 81, PSY 14, PSY 15, PSY 16, PSY 18 or Science of Living Systems 15.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Psychology 2170

Developmental Proseminar (115572)

Susan Carey

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Proseminar in conceptual development and language acquisition.

Course Notes: **Not open to undergraduates.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students

Psychology 2190

Topics in Language Acquisition (116646)

Jesse Snedeker

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Seminar examining alternate theories of language acquisition and assessing their empirical validity. Focuses on speech perception, word learning, semantic and early syntactic development, interactions between language acquisition and cognitive development, and children's online language comprehension.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Psychology 2302

Individual differences and human minds: Perspectives from evolutionary psychology (212734)

Max Krasnow

2020 Spring (4 Credits) **Schedule:** T 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

What is personality? Why are there sex differences in how we think and behave? Where does this variance come from and what does it have to do with pathology? In this course we will explore how individual difference can evolve as a result of natural selection, and consider how these models inform our understanding of the many ways people differ. This course is a discussion-based seminar where students will play an active role in discussion and present weekly readings.

Course Notes: **Open to advanced undergraduates with permission of instructor.**

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, or PSY 18 before enrolling in this course.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students

FAS Course Roll	FAS Course Roll

Psychology 2335R

Concepts, Actions, Objects (CAOs): Research Seminar (112226)

Alfonso Caramazza

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Discussion of current research on the organization of conceptual and lexical knowledge. We will also discuss ongoing research by participants in the seminar.

Course Notes: **Open to graduate and undergraduate students involved in research in language. Open to undergraduates with permission of instructor.**

Class Notes: **To express interest in enrollment, please email the instructor at caram@wjh.harvard.edu prior to the first class meeting.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students

Psychology 2335R

Concepts, Actions, Objects (CAOs): Research Seminar (112226)

Alfonso Caramazza

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Discussion of current research on the organization of conceptual and lexical knowledge. We will also discuss ongoing research by participants in the seminar.

Course Notes: **Open to graduate and undergraduate students involved in research in language. Open to undergraduates with permission of instructor.**

Class Notes: **To express interest in enrollment, please email the instructor at caram@wjh.harvard.edu prior to the first class meeting.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

Psychology 2341R

Research Seminar in Affect, Learning and Decision-Making (212777)

Elizabeth Phelps

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Meets weekly to describe current laboratory research or outside studies examining emotion's influence on learning, memory, and decision making.

Class Notes: **To express interest in enrollment, please email the instructor at phelps@fas.harvard.edu prior to the first class meeting.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Psychology 2341R

Research Seminar in Affect, Learning and Decision-Making (212777)

Elizabeth Phelps

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Meets weekly to describe current laboratory research or outside studies examining emotion's influence on learning, memory, and decision making.

Class Notes: **To express interest in enrollment, please email the instructor at phelps@fas.harvard.edu prior to the first class meeting.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Psychology 2350R

Laboratory on Reinforcement Learning and Decision Making (160657)

Samuel Gershman

2020 Spring (4 Credits) **Schedule:** F 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This lab course provides instruction and experience in conducting research on reinforcement learning and

decision making, using a combination of computational, behavioral and neural techniques. Students will learn how to fit models of reinforcement learning and decision making to behavioral data, collect and analyze functional MRI data, and develop algorithms for artificial intelligence. Undergraduates are required to write a research report at the end of the semester on the studies conducted in the lab.

Course Notes: **Open to graduate and undergraduate students working in the instructor's laboratory.**

Class Notes: **To express interest in enrollment, please email the instructor at gershman@fas.harvard.edu.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

Psychology 2350R

Laboratory on Reinforcement Learning and Decision Making (160657)

Samuel Gershman

2019 Fall (4 Credits) **Schedule:** F 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This lab course provides instruction and experience in conducting research on reinforcement learning and decision making, using a combination of computational, behavioral and neural techniques. Students will learn how to fit models of reinforcement learning and decision making to behavioral data, collect and analyze functional MRI data, and develop algorithms for artificial intelligence. Undergraduates are required to write a research report at the end of the semester on the studies conducted in the lab.

Course Notes: **Open to graduate and undergraduate students working in the instructor's laboratory.**

Class Notes: **To express interest in enrollment, please email the instructor at gershman@fas.harvard.edu.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students

Psychology 2352R

Laboratory for Social Cognitive Neuroscience (122871)

Jason Mitchell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Provides instruction and experience in conducting research on social cognition via the methods of cognitive neuroscience. Special focus on issues of mental state inference, stereotyping, and the self.

Course Notes: **Open to graduate and undergraduate students working in the instructor's laboratory.**

Class Notes: **To express interest in enrollment, please email the instructor at jason_mitchell@harvard.edu prior to the first class meeting.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students

Psychology 2352R

Laboratory for Social Cognitive Neuroscience (122871)

Jason Mitchell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Provides instruction and experience in conducting research on social cognition via the methods of cognitive neuroscience. Special focus on issues of mental state inference, stereotyping, and the self.

Course Notes: **Open to graduate and undergraduate students working in the instructor's laboratory.**

Class Notes: **To express interest in enrollment, please email the instructor at jason_mitchell@harvard.edu prior to the first class meeting.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Psychology 2354R

Advanced Laboratory in Cognitive Neuroscience (123319)

Randy Buckner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Students work directly on a research project and get hands-on experience with neuroimaging and cognitive neuroscience techniques, including functional MRI. MRI laboratory training consists of safety, instruction on running the scanner, and paradigm design. In addition to laboratory work, students attend a weekly research seminar where ongoing and proposed research projects are discusses.

Course Notes: **Open to graduate and undergraduate students working in the instructor's laboratory.**

Class Notes: **To express interest in enrollment, please email the instructor at randy.buckner@harvard.edu prior to the first class meeting.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students

Psychology 2354R

Advanced Laboratory in Cognitive Neuroscience (123319)

Randy Buckner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Students work directly on a research project and get hands-on experience with neuroimaging and cognitive neuroscience techniques, including functional MRI. MRI laboratory training consists of safety, instruction on running the scanner, and paradigm design. In addition to laboratory work, students attend a weekly research seminar where ongoing and proposed research projects are discusses.

Course Notes: **Open to graduate and undergraduate students working in the instructor's laboratory.**

Class Notes: **To express interest in enrollment, please email the instructor at randy.buckner@harvard.edu prior to the first class meeting.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

Psychology 2355R

Laboratory on Cognitive and Neural Organization (109597)

Talia Konkle

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This lab course provides instruction and experience in conducting research on cognitive architecture and neural organization, via the methods of visual cognition and cognitive neuroscience. Special focus on issues of high-level visual representation and the corresponding structure in neural response profiles. Open to graduate and undergraduate students working in the instructor's laboratory. Undergraduates are required to write research report at the end of the semester on the studies conducted in the lab.

Course Notes: **Open to graduate and undergraduate students working in the instructor's laboratory.**

Class Notes: **To express interest in enrollment, please e-mail Talia Konkle at tkonkle@fas.harvard.edu prior to the first meeting.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students

Psychology 2355R

Laboratory on Cognitive and Neural Organization (109597)

Talia Konkle

2020 Spring (4 Credits) **Schedule:** F 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This lab course provides instruction and experience in conducting research on cognitive architecture and neural organization, via the methods of visual cognition and cognitive neuroscience. Special focus on issues of high-level visual representation and the corresponding structure in neural response profiles. Open to graduate and undergraduate students working in the instructor's laboratory. Undergraduates are required to write research report at the end of the semester on the studies conducted in the lab.

Course Notes: **Open to graduate and undergraduate students working in the instructor's laboratory.**

Class Notes: **To express interest in enrollment, please e-mail Talia Konkle at tkonkle@fas.harvard.edu prior to the first meeting.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences

Psychology 2356R

Visual Cognition: Research Seminar (125323)

George Alvarez

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Discussion of current research on visual cognition (how we perceive, attend to, and remember visual information). We will also discuss ongoing research by participants in the seminar.

Course Notes: **Open to graduate and undergraduates.**

Class Notes: **To express interest in enrollment, please email the instructor at alvarez@wjh.harvard.edu prior to the first class meeting**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students

Psychology 2356R

Visual Cognition: Research Seminar (125323)

George Alvarez

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Discussion of current research on visual cognition (how we perceive, attend to, and remember visual information). We will also discuss ongoing research by participants in the seminar.

Course Notes: **Open to graduate and undergraduates.**

Class Notes: **To express interest in enrollment, please email the instructor at alvarez@wjh.harvard.edu prior to the first class meeting**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Psychology 2357R

Evolution of Human Cooperation: Research Seminar (109858)

Max Krasnow

2020 Spring (4 Credits) **Schedule:** R 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Seminar on current research on the evolution of human cooperation and its cognitive basis. Includes readings, seminar discussion, and training in relevant research methodologies.

Course Notes: **Open to graduate and undergraduate students working in the instructor's laboratory.**

Class Notes: **To express interest in enrollment, please email the lab manager, Connie Bainbridge, at cbainbridge@g.harvard.edu.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Psychology 2357R

Evolution of Human Cooperation: Research Seminar (109858)

Max Krasnow

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Seminar on current research on the evolution of human cooperation and its cognitive basis. Includes readings, seminar discussion, and training in relevant research methodologies.

Course Notes: **Open to graduate and undergraduate students working in the instructor's laboratory.**

Class Notes: **To express interest in enrollment, please email the lab manager, Connie Bainbridge, at cbainbridge@g.harvard.edu.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Psychology 2358R

Memory: Research Seminar (110714)

Daniel Schacter

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Meets weekly to discuss current laboratory research on memory, imagination, future thinking, and related topics.

Course Notes: **Limited to students involved in research.**

Class Notes: **To express interest in enrollment, please email the instructor at dls@wjh.harvard.edu.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Primarily for Graduate Students

Psychology 2358R

Memory: Research Seminar (110714)

Daniel Schacter

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Meets weekly to discuss current laboratory research on memory, imagination, future thinking, and related topics.

Course Notes: **Limited to students involved in research.**

Class Notes: **To express interest in enrollment, please email the instructor at dls@wjh.harvard.edu.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Psychology 2362R

Laboratory for Computational Cognitive Science and Development (212805)

Tomer Ullman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The lab course provides instruction and experience in conducting research on computational cognitive science, with an emphasis on cognitive development and program induction. Open to graduate and undergraduate students working in the instructor's laboratory. Undergraduates are required to write research report at the end of the semester on the studies in the lab.

Class Notes: **To express interest in enrollment, please email the instructor at tullman@fas.harvard.edu prior to the first class meeting.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Psychology 2362R

Laboratory for Computational Cognitive Science and Development (212805)

Tomer Ullman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The lab course provides instruction and experience in conducting research on computational cognitive science, with an emphasis on cognitive development and program induction. Open to graduate and undergraduate students working in the instructor's laboratory. Undergraduates are required to write research report at the end of the semester on the studies in the lab.

Class Notes: **To express interest in enrollment, please email the instructor at tullman@fas.harvard.edu prior to the first class meeting.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Psychology 2400

Cognitive Psychology and Emotional Disorders (117820)

Richard McNally

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Research and theory on the application of cognitive psychology methods applied to the understanding of anxiety and mood disorders. Limited to graduate students.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Psychology 2410R

Laboratory Research on Emotional Disorders (107706)

Richard McNally

2020 Spring (4 Credits) **Schedule:** M 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Involves readings, seminar discussion, and research on emotional disorders conducted in the instructor's

laboratory (e.g., social anxiety disorder, complicated grief, obsessive-compulsive disorder).

Course Notes: **Open to graduate and undergraduate students working in the instructor's laboratory.**

Class Notes: **To express interest in enrollment, please email the instructor at rjm@wjh.harvard.edu.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Psychology 2410R

Laboratory Research on Emotional Disorders (107706)

Richard McNally

2019 Fall (4 Credits) **Schedule:** M 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Involves readings, seminar discussion, and research on emotional disorders conducted in the instructor's laboratory (e.g., social anxiety disorder, complicated grief, obsessive-compulsive disorder).

Course Notes: **Open to graduate and undergraduate students working in the instructor's laboratory.**

Class Notes: **To express interest in enrollment, please email the instructor at rjm@wjh.harvard.edu.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Psychology 2430

Cultural and Individual Diversity (119217)

Rebecca Shingleton

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course will examine cultural, racial, ethnic, and other individual differences in human behavior which affect the practice of psychology. We will review the current science examining the relationship between these factors and human behavior, psychopathology, and provision of psychological services through readings and case discussion.

Course Notes: **Must be a Harvard graduate student in the clinical psychology program.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

Psychology 2442R

Laboratory in Development and Psychopathology (207568)

Katie McLaughlin

2020 Spring (4 Credits) **Schedule:** R 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Provides instruction and experience conducting clinical research in laboratory settings with children and adolescents, with a particular focus on understanding the role that experiences of stress and adversity play in shaping children's emotional, cognitive, and brain development in ways that place them at risk for experiencing psychopathology.

Class Notes: **To express interest in enrollment, please email the instructor at kmclaughlin@fas.harvard.edu prior to the first meeting. Interested students should also take the survey at https://harvard.az1.qualtrics.com/jfe/form/SV_6JY0wjescHXovpr.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

Psychology 2442R

Laboratory in Development and Psychopathology (207568)

Katie McLaughlin

2019 Fall (4 Credits) **Schedule:** R 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Provides instruction and experience conducting clinical research in laboratory settings with children and adolescents, with a particular focus on understanding the role that experiences of stress and adversity play in shaping children's emotional, cognitive, and brain development in ways that place them at risk for experiencing psychopathology.

Class Notes: **To express interest in enrollment, please e-mail the instructor at katie_mclaughlin@fas.harvard.edu prior to the first meeting. Interested students should also take the survey at https://harvard.az1.qualtrics.com/jfe/form/SV_6JY0wjescHXovpr.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

Psychology 2445

Psychological Treatment Research (118606)

John Weisz

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Review theories of behavior change, methods of studying such change (single-case research designs, randomized clinical trials, etc.), and current evidence-based approaches to assessing and treating psychopathology. Examines historical, ethical, and cultural issues.

Course Notes: **Open only to doctoral students in clinical psychology.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Psychology 2446R

Clinical Research Laboratory (123042)

Jill Hooley

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Provides instruction and experience conducting clinical research in laboratory and clinical settings, with a special focus on severe psychopathology. Topics will include: Self-Injurious behaviors, depression, and adult attachment patterns in close relationships.

Course Notes: **Open to graduate and undergraduate students working in the instructor's laboratory.**

Class Notes: **To express interest in enrollment, please email the instructor at jmh@wjh.harvard.edu prior to the first class meeting.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences

Psychology 2446R

Clinical Research Laboratory (123042)

Jill Hooley

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Provides instruction and experience conducting clinical research in laboratory and clinical settings, with a special focus on severe psychopathology. Topics will include: Self-Injurious behaviors, depression, and adult attachment patterns in close relationships.

Course Notes: **Open to graduate and undergraduate students working in the instructor's laboratory.**

Class Notes: **To express interest in enrollment, please email the instructor at jmh@wjh.harvard.edu prior to the first class meeting.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Psychology 2460

Diagnostic Interviewing (113704)

Rebecca Shingleton

2020 Spring (4 Credits) **Schedule:** M 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

In this course, we will focus on basic clinical and diagnostic interviewing skills. Particular attention will be devoted to the Structured Clinical Interview for DSM (SCID-5) with some exposure to other structured interviews (e.g. ADIS, K-SADS). The aim of the course is to provide students with the skills needed to make reliable diagnostic assessments for research and clinical purposes.

Course Notes: **Must be a Harvard graduate student in the clinical psychology program.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

Psychology 2461R

Laboratory for Clinical and Developmental Research (119124)

Matthew Nock

2020 Spring (4 Credits) **Schedule:** M 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Provides instruction and experience in conducting clinical research in laboratory and clinical settings, with a special focus on developmental psychopathology.

Class Notes: **To express interest in enrollment, please e-mail the instructor at nock@wjh.harvard.edu.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

Psychology 2461R

Laboratory for Clinical and Developmental Research (119124)

Matthew Nock

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Provides instruction and experience in conducting clinical research in laboratory and clinical settings, with a special focus on developmental psychopathology.

Class Notes: **To express interest in enrollment, please e-mail the instructor at nock@wjh.harvard.edu.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

Psychology 2464R

Research Methods in Child & Adolescent Clinical Psychology (124970)

John Weisz

2020 Spring (4 Credits) **Schedule:** R 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This course is designed to give you exposure to the concepts, as well as the nuts and bolts, of research in clinical psychology of childhood and adolescence. There is a special emphasis in this course (as in the lab) on intervention research addressing youth depression, anxiety, and conduct-related problems and

disorders. If you are a psychology concentrator at Harvard, you may have already taken classroom-based courses covering theories and methods that guide research in clinical psychology, such as Abnormal Psychology and Developmental Psychopathology. You may also have taken courses that introduced you to the types of statistical analyses (Psych 1900) and research methods (Psych 1901) used in psychological research. In this course, we will build on the foundation you received in such courses by applying what you have learned to the conduct of specific research projects.

In this class, you will participate in several aspects of the clinical research process via your active involvement in the research of our psychology laboratory. More specifically, through attending weekly class/lab meetings and participating in one or more research projects, you will learn how specific research ideas take shape; how research questions and hypotheses are generated; how studies are designed to address these research questions and hypotheses; how data are collected, cleaned, entered into study datasets, then analyzed; and how findings are interpreted and organized for presentation at professional meetings and in scientific publications.

The main goals of research in our lab are to build an understanding of which interventions for child and adolescent mental health problems are effective, and to promote use of the best evidence-based assessment and intervention in everyday clinical practice for youths and families. In pursuing these goals, we and our colleagues develop ways of structuring evidence-based practices to make them user-friendly and tailored to the settings in which youngsters typically receive mental health care—e.g., community mental health clinics and schools. Much of our work focuses on developing and testing these tailored approaches. We also conduct meta-analyses of the youth psychotherapy research literature, to sum up what has been learned from all the treatment studies with children and adolescents.

This course is designed to be useful to students who plan to pursue a career in child and adolescent mental health, particularly those with an interest in psychological research. However, the skills conveyed (e.g., critical thinking, research design, science writing) may be useful in a variety of ways and relevant to a number of different career paths.

Class Notes: **To express interest in enrollment, please email Sherelle Harmon, sherelle_harmon@fas.harvard.edu.**

Recommended Prep: **An interview with the instructors is required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences

Psychology 2464R

Research Methods in Child & Adolescent Clinical Psychology (124970)

John Weisz

2019 Fall (4 Credits) **Schedule:** F 1200 PM - 0130 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This course is designed to give you exposure to the concepts, as well as the nuts and bolts, of research in clinical psychology of childhood and adolescence. There is a special emphasis in this course (as in the lab) on intervention research addressing youth depression, anxiety, and conduct-related problems and disorders. If you are a psychology concentrator at Harvard, you may have already taken classroom-based courses covering theories and methods that guide research in clinical psychology, such as Abnormal Psychology and Developmental Psychopathology. You may also have taken courses that introduced you

to the types of statistical analyses (Psych 1900) and research methods (Psych 1901) used in psychological research. In this course, we will build on the foundation you received in such courses by applying what you have learned to the conduct of specific research projects.

In this class, you will participate in several aspects of the clinical research process via your active involvement in the research of our psychology laboratory. More specifically, through attending weekly class/lab meetings and participating in one or more research projects, you will learn how specific research ideas take shape; how research questions and hypotheses are generated; how studies are designed to address these research questions and hypotheses; how data are collected, cleaned, entered into study datasets, then analyzed; and how findings are interpreted and organized for presentation at professional meetings and in scientific publications.

The main goals of research in our lab are to build an understanding of which interventions for child and adolescent mental health problems are effective, and to promote use of the best evidence-based assessment and intervention in everyday clinical practice for youths and families. In pursuing these goals, we and our colleagues develop ways of structuring evidence-based practices to make them user-friendly and tailored to the settings in which youngsters typically receive mental health care—e.g., community mental health clinics and schools. Much of our work focuses on developing and testing these tailored approaches. We also conduct meta-analyses of the youth psychotherapy research literature, to sum up what has been learned from all the treatment studies with children and adolescents.

This course is designed to be useful to students who plan to pursue a career in child and adolescent mental health, particularly those with an interest in psychological research. However, the skills conveyed (e.g., critical thinking, research design, science writing) may be useful in a variety of ways and relevant to a number of different career paths.

Class Notes: **To express interest in enrollment, please mail Katherine Corteselli, kcorteselli@fas.harvard.edu.**

Recommended Prep: **An interview with the instructors is required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Psychology 2475R

Laboratory for the Systems Neuroscience of Psychopathology (128307)

Joshua Buckholtz

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Research seminar examines the neurobiology of disinhibitory psychopathology (aggression, antisocial behavior, substance abuse). Students participate first-hand in personality/behavioral testing and brain imaging, and in weekly discussions of the genetics and cellular/systems/cognitive neuroscience of disinhibitory psychopathology.

Class Notes: **To express interest in enrollment, please email the instructor at jwb@wjh.harvard.edu prior to the first class meeting.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences

Psychology 2475R

Laboratory for the Systems Neuroscience of Psychopathology (128307)

Joshua Buckholtz

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Research seminar examines the neurobiology of disinhibitory psychopathology (aggression, antisocial behavior, substance abuse). Students participate first-hand in personality/behavioral testing and brain imaging, and in weekly discussions of the genetics and cellular/systems/cognitive neuroscience of disinhibitory psychopathology.

Class Notes: **To express interest in enrollment, please email the instructor at jwb@wjh.harvard.edu prior to the first class meeting.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

Psychology 2485

Bad Genes, Bad Parents, Bad Behaviors (159711)

Joshua Buckholtz

2020 Spring (4 Credits) **Schedule:** F 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

This class will explore the biology of criminal behavior and violence. We will examine the construct of "anti-sociality" and unpack clinical and diagnostic issues surrounding its diverse manifestations, such as psychopathy. A strong emphasis will be placed on biological mechanisms. A particular focus will be on understanding how genes and environments act and interact to predispose antisocial behavior by shaping brain function and development.

Recommended Prep: **The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and either PSY 18 or PSY 1861 before enrolling in this course.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences

FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Psychology 2500

Proseminar in Social Psychology (115578)

Daniel Gilbert

2019 Fall (4 Credits) **Schedule:** F 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Advanced survey of classic and current research and theory in social psychology, including self, social cognition, attitudes, social influence, altruism and aggression, prejudice and discrimination, close relationships, and group dynamics.

Course Notes: **For doctoral students only.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Psychology 2553R

Behavioral Insights Group Research Seminar (120559)

Francesca Gino

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This seminar provides lab experience in behavioral approaches to decision making and negotiation.

Course Notes: **Open to students working on research in the instructors' laboratories. Offered jointly with the Business School as 4425.**

Class Notes: **To express interest in enrollment, please email Aurora Turek at aturek@hbs.edu prior to the first class meeting.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Psychology 2553R

Behavioral Insights Group Research Seminar (120559)

Francesca Gino

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This seminar provides lab experience in behavioral approaches to decision making and negotiation.

Course Notes: **Open to students working on research in the instructors' laboratories. Offered jointly with the Business School as 4425.**

Class Notes: **To express interest in enrollment, please email Aurora Turek at aturek@hbs.edu prior to the first class meeting.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Psychology 2554R

Laboratory on Complex Thought and Cooperation (123308)

Joshua Greene

2020 Spring (4 Credits) **Schedule:** R 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

In this hands-on lab course, students have the opportunity to participate in all aspects of psychological research, including experimental design, data collection, and data analysis. Each student will work closely with a graduate student or post-doctoral mentor. Topics of research are divided across cognitive and social psychology. Cognitive projects focus on the neuroscience of complex thought: Humans can understand and reason about an effectively infinite number of different ideas. How do our brains accomplish this? Social projects are applied work focused on promoting cooperation, conflict resolution, and improved social decision-making. Methods include fMRI, neural network modeling, and online and in-lab behavioral experiments. For Fall 2019, we are primarily looking for students interested in the cognitive science side of the lab.

Class Notes: **To express interest in enrollment, please email the lab manager, Kirstan Brodie, at kirstan_brodie@fas.harvard.edu.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

Psychology 2554R

Laboratory on Complex Thought and Cooperation (123308)

Joshua Greene

2019 Fall (4 Credits) **Schedule:** R 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

In this hands-on lab course, students have the opportunity to participate in all aspects of psychological research, including experimental design, data collection, and data analysis. Each student will work closely with a graduate student or post-doctoral mentor. Topics of research are divided across cognitive and social psychology. Cognitive projects focus on the neuroscience of complex thought: Humans can understand and reason about an effectively infinite number of different ideas. How do our brains accomplish this? Social projects are applied work focused on promoting cooperation, conflict resolution, and improved social decision-making. Methods include fMRI, neural network modeling, and online and in-lab behavioral experiments. For Fall 2019, we are primarily looking for students interested in the cognitive science side of the lab.

Class Notes: **To express interest in enrollment, please email the lab manager, Kirstan Brodie, at kirstan_brodie@fas.harvard.edu.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Psychology 2560R

Laboratory in Social Cognition (156623)

Fiery Cushman

2020 Spring (4 Credits) **Schedule:** R 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Laboratory methods and research seminar on social cognition, with emphasis on moral judgment and attributional processes. Provides experience with behavioral, formal and neuroscientific research methods.

Class Notes: **To express interest in enrollment, please email the instructor at cushman@fas.harvard.edu prior to the first class meeting.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Psychology 2560R

Laboratory in Social Cognition (156623)

Fiery Cushman

2019 Fall (4 Credits) **Schedule:** R 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Laboratory methods and research seminar on social cognition, with emphasis on moral judgment and

attributional processes. Provides experience with behavioral, formal and neuroscientific research methods.

Class Notes: **To express interest in enrollment, please email the instructor at cushman@fas.harvard.edu prior to the first class meeting.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences

Psychology 2570R

Intergroup Relations: Research Seminar (122753)

James Sidanius

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The seminar provides students with research experience concerning different forms of intergroup relations, including the social psychology of interracial and interethnic conflict and prejudice. Students meet on a weekly basis to discuss ongoing research on psychological mechanisms involved in power, stereotyping, inequality, identity, and ideology. Undergraduates will work under the supervision of a graduate student in the design and conduct of lab-based and survey experiments, and the input, coding and early analysis of empirical data. Undergraduate enrollees will also attend biweekly critical discussions of research articles in the field, and will have the opportunity to develop and receive feedback on their own research ideas.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Psychology 2580R

Doing Psychological Science (113780)

Daniel Gilbert

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Psychology 2580r is a hands-on course in which students participate in all aspects of the research process, from the design and execution of empirical research studies to the analysis of data. Each student works closely with a graduate student or post-doctoral mentor who supervises the student's daily activities. Students are admitted to PSY 2580r only by permission.

Course Notes: **Open to students working on research in the instructor's laboratory.**

Class Notes: **To express interest in enrollment, please e-mail the instructor at gilbert@wjh.harvard.edu. Course enrollment information may be found at: http://www.danielgilbert.com/2580r.htm**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Psychology 2580R

Doing Psychological Science (113780)

Daniel Gilbert

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Psychology 2580r is a hands-on course in which students participate in all aspects of the research process, from the design and execution of empirical research studies to the analysis of data. Each student works closely with a graduate student or post-doctoral mentor who supervises the student's daily activities. Students are admitted to PSY 2580r only by permission.

Course Notes: **Open to students working on research in the instructor's laboratory.**

Class Notes: **To express interest in enrollment, please e-mail the instructor at gilbert@wjh.harvard.edu. Course enrollment information may be found at: http://www.danielgilbert.com/2580r.htm**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Psychology 2620R

Lab in Intergroup Neuroscience (156624)

Mina Cikara

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Year-long lab course exploring how cognition, affect, neural responses, and behavior change when social relations shift from "me and you" to "us and them." Students will participate in experiment development and data collection employing methods ranging from standard laboratory experiments, implicit and explicit self-reports, and behavioral measures, to fMRI and psychophysiology. Students will also read and discuss papers on intergroup relations in our weekly meetings.

Class Notes: **To express interest in enrollment, please mail the instructor at mcikara@fas.harvard.edu**

Recommended Prep: **For undergraduates, Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from MCB 80, MCB 81, PSY 14, PSY 15, PSY 16, PSY 18 or Science of Living Systems 15.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

Psychology 2620R

Lab in Intergroup Neuroscience (156624)

Mina Cikara

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Year-long lab course exploring how cognition, affect, neural responses, and behavior change when social relations shift from "me and you" to "us and them." Students will participate in experiment development and data collection employing methods ranging from standard laboratory experiments, implicit and explicit self-reports, and behavioral measures, to fMRI and psychophysiology. Students will also read and discuss papers on intergroup relations in our weekly meetings.

Class Notes: **To express interest in enrollment, please mail the instructor at mcikara@fas.harvard.edu**

Recommended Prep: **For undergraduates, Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from MCB 80, MCB 81, PSY 14, PSY 15, PSY 16, PSY 18 or Science of Living Systems 15.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

Psychology 2640R

The Understand Seminar (116417)

Mahzarin Banaji

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Topics can include all aspects of implicit social cognition, primarily questions of methodology, attitude and belief change, attitude and belief development, the accuracy and inaccuracy of stereotypic knowledge, and evaluation of organizational programs that teach about implicit associations.

Course Notes: **Open to graduate students involved in research in the instructor's laboratory, and to select juniors and seniors.**

Class Notes: **To express interest in enrollment, please email the instructor at mahzarin_banaji@harvard.edu prior to the first class meeting.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

Psychology 2640R

The Understand Seminar (116417)

Mahzarin Banaji

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Topics can include all aspects of implicit social cognition, primarily questions of methodology, attitude and belief change, attitude and belief development, the accuracy and inaccuracy of stereotypic knowledge, and evaluation of organizational programs that teach about implicit associations.

Course Notes: **Open to graduate students involved in research in the instructor's laboratory, and to select juniors and seniors.**

Class Notes: **To express interest in enrollment, please email the instructor at mahzarin_banaji@harvard.edu prior to the first class meeting.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Psychology 2660R

Research Seminar in Mindfulness Theory (114362)

Ellen Langer

2019 Fall (4 Credits) **Schedule:** T 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Research will be designed/conducted on the relationship between mindfulness and physical health/well-being, broadly conceived. For example, topics include cancer, autism, Alzheimer's, bullying, innovation.

Course Notes: **Open to students working in the instructor's laboratory.**

Class Notes: **To express interest in enrollment, please contact Kristopher Nichols at Kristopher_nichols@fas.harvard.edu.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Psychology 2660R

Research Seminar in Mindfulness Theory (114362)

Ellen Langer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Research will be designed/conducted on the relationship between mindfulness and physical health/well-being, broadly conceived. For example, topics include cancer, autism, Alzheimer's, bullying, innovation.

Course Notes: **Open to students working in the instructor's laboratory.**

Class Notes: **To express interest in enrollment, please contact Kristopher Nichols at Kristopher_nichols@fas.harvard.edu.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences

Psychology 2670A

Decision Making and the Psychology of Possibility (131189)

Ellen Langer

2019 Fall (4 Credits) **Schedule:** W 0900 AM - 1100 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Topics in decision making such as rationality, risk-taking, helplessness, and health are examined through the lens of mindfulness theory. Special emphasis given to the psychology of possibility in applied settings.

Course Notes: **Open to qualified undergraduates.**

Recommended Prep: **The Psychology Department requires undergraduates to complete Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, PSY 18, or Science of Living Systems 15, or permission of instructor, before**

enrolling in this course.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Psychology 2670B

Decision Making and the Psychology of Possibility II (132599)

Ellen Langer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A deeper exploration into the theoretical and experimental issues pertaining to decision making and the psychology of possibility, raised in Psychology 2670a.

Course Notes: **Open to qualified undergraduates. The course requires permission of instructor. Interested students are encouraged to e-mail the instructor in advance at langer@wjh.harvard.edu.**

Recommended Prep: **Psychology 2670a and its prerequisites: The Psychology Department requires undergraduates to complete Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, PSY 18, or Science of Living Systems 15, or permission of instructor, before enrolling in this course.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

Psychology 3010

Special Reading and Research (122605)

George Alvarez

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Psychology 3010

Special Reading and Research (122605)

George Alvarez

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS Course Roll	FAS Course Roll

Psychology 3010 Section: 0010

Special Reading and Research (122605)

Daniel Gilbert

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Psychology 3010 Section: 0010

Special Reading and Research (122605)

Daniel Gilbert

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Psychology 3010 Section: 0011

Special Reading and Research (122605)

Joshua Greene

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Psychology 3010 Section: 0011

Special Reading and Research (122605)

Joshua Greene

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Psychology 3010 Section: 0012

Special Reading and Research (122605)

Jill Hooley

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Psychology 3010 Section: 0012

Special Reading and Research (122605)

Jill Hooley

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Psychology 3010 Section: 0013

Special Reading and Research (122605)

Talia Konkle

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Psychology 3010 Section: 0013

Special Reading and Research (122605)

Talia Konkle

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Psychology 3010 Section: 0014

Special Reading and Research (122605)

Max Krasnow

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Psychology 3010 Section: 0014

Special Reading and Research (122605)

Max Krasnow

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Psychology 3010 Section: 0015

Special Reading and Research (122605)

Ellen Langer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Psychology 3010 Section: 0015

Special Reading and Research (122605)

Ellen Langer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Psychology 3010 Section: 0016

Special Reading and Research (122605)

Richard McNally

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Psychology 3010 Section: 0016

Special Reading and Research (122605)

Richard McNally

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Psychology 3010 Section: 0017

Special Reading and Research (122605)

Jason Mitchell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Psychology 3010 Section: 0017

Special Reading and Research (122605)

Jason Mitchell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Psychology 3010 Section: 0019

Special Reading and Research (122605)

Matthew Nock

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Psychology 3010 Section: 0019

Special Reading and Research (122605)

Matthew Nock

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Psychology 3010 Section: 002

Special Reading and Research (122605)

Mahzarin Banaji

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Psychology 3010 Section: 002

Special Reading and Research (122605)

Mahzarin Banaji

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Psychology 3010 Section: 0020

Special Reading and Research (122605)

Steven Pinker

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Psychology 3010 Section: 0020

Special Reading and Research (122605)

Steven Pinker

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Psychology 3010 Section: 0021

Special Reading and Research (122605)

Daniel Schacter

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Psychology 3010 Section: 0021

Special Reading and Research (122605)

Daniel Schacter

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Psychology 3010 Section: 0022

Special Reading and Research (122605)

James Sidanius

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Psychology 3010 Section: 0022

Special Reading and Research (122605)

James Sidanius

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Psychology 3010 Section: 0023

Special Reading and Research (122605)

Jesse Snedeker

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Psychology 3010 Section: 0023

Special Reading and Research (122605)

Jesse Snedeker

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Psychology 3010 Section: 0024

Special Reading and Research (122605)

Leah Somerville

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Psychology 3010 Section: 0024

Special Reading and Research (122605)

Leah Somerville

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Psychology 3010 Section: 0025

Special Reading and Research (122605)

Elizabeth Spelke

Olivia Fiske

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Psychology 3010 Section: 0025

Special Reading and Research (122605)

Elizabeth Spelke

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Psychology 3010 Section: 0027

Special Reading and Research (122605)

John Weisz

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Psychology 3010 Section: 0027

Special Reading and Research (122605)

2020 Spring (4 Credits) **Schedule:**

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Psychology 3010 Section: 0028

Special Reading and Research (122605)

Katie McLaughlin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Psychology 3010 Section: 003

Special Reading and Research (122605)

Joshua Buckholtz

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Psychology 3010 Section: 003

Special Reading and Research (122605)

Joshua Buckholtz

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Psychology 3010 Section: 004

Special Reading and Research (122605)

Randy Buckner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Psychology 3010 Section: 004

Special Reading and Research (122605)

Randy Buckner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Psychology 3010 Section: 005

Special Reading and Research (122605)

Alfonso Caramazza

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Psychology 3010 Section: 005

Special Reading and Research (122605)

Alfonso Caramazza

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Psychology 3010 Section: 006

Special Reading and Research (122605)

Susan Carey

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Psychology 3010 Section: 006

Special Reading and Research (122605)

Susan Carey

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Psychology 3010 Section: 007

Special Reading and Research (122605)

Mina Cikara

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Psychology 3010 Section: 007

Special Reading and Research (122605)

Mina Cikara

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Psychology 3010 Section: 008

Special Reading and Research (122605)

Fiery Cushman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Psychology 3010 Section: 008

Special Reading and Research (122605)

Fiery Cushman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Psychology 3010 Section: 009

Special Reading and Research (122605)

Samuel Gershman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Psychology 3010 Section: 009

Special Reading and Research (122605)

Samuel Gershman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Psychology 3010 Section: 026

Special Reading and Research (122605)

Katie McLaughlin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Psychology 3010 Section: 29

Special Reading and Research (122605)

Elizabeth Phelps

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Psychology 3010 Section: 29

Special Reading and Research (122605)

Elizabeth Phelps

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Psychology 3010 Section: 30

Special Reading and Research (122605)

Tomer Ullman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Psychology 3010 Section: 30

Special Reading and Research (122605)

Tomer Ullman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Psychology 3020

Direction of Doctoral Dissertations (113960)

George Alvarez

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Psychology 3020

Direction of Doctoral Dissertations (113960)

George Alvarez

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Psychology 3020 Section: 0010

Direction of Doctoral Dissertations (113960)

Daniel Gilbert

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Psychology 3020 Section: 0010

Direction of Doctoral Dissertations (113960)

Daniel Gilbert

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Psychology 3020 Section: 0011

Direction of Doctoral Dissertations (113960)

Joshua Greene

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Psychology 3020 Section: 0011

Direction of Doctoral Dissertations (113960)

Joshua Greene

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Psychology 3020 Section: 0012

Direction of Doctoral Dissertations (113960)

Jill Hooley

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Psychology 3020 Section: 0012

Direction of Doctoral Dissertations (113960)

Jill Hooley

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Psychology 3020 Section: 0013

Direction of Doctoral Dissertations (113960)

Talia Konkle

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Psychology 3020 Section: 0013

Direction of Doctoral Dissertations (113960)

Talia Konkle

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Psychology 3020 Section: 0014

Direction of Doctoral Dissertations (113960)

Max Krasnow

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Psychology 3020 Section: 0014

Direction of Doctoral Dissertations (113960)

Max Krasnow

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Psychology 3020 Section: 0015

Direction of Doctoral Dissertations (113960)

Ellen Langer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Psychology 3020 Section: 0015

Direction of Doctoral Dissertations (113960)

Ellen Langer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Psychology 3020 Section: 0016

Direction of Doctoral Dissertations (113960)

Richard McNally

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Psychology 3020 Section: 0016

Direction of Doctoral Dissertations (113960)

Richard McNally

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Psychology 3020 Section: 0017

Direction of Doctoral Dissertations (113960)

Jason Mitchell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Psychology 3020 Section: 0017

Direction of Doctoral Dissertations (113960)

Jason Mitchell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Psychology 3020 Section: 0018

Direction of Doctoral Dissertations (113960)

Ken Nakayama

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Psychology 3020 Section: 0018

Direction of Doctoral Dissertations (113960)

Ken Nakayama

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Psychology 3020 Section: 0019

Direction of Doctoral Dissertations (113960)

Matthew Nock

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Psychology 3020 Section: 0019

Direction of Doctoral Dissertations (113960)

Matthew Nock

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Psychology 3020 Section: 002

Direction of Doctoral Dissertations (113960)

Mahzarin Banaji

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Psychology 3020 Section: 002

Direction of Doctoral Dissertations (113960)

Mahzarin Banaji

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Psychology 3020 Section: 0020

Direction of Doctoral Dissertations (113960)

Steven Pinker

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Psychology 3020 Section: 0020

Direction of Doctoral Dissertations (113960)

Steven Pinker

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Psychology 3020 Section: 0021

Direction of Doctoral Dissertations (113960)

Daniel Schacter

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Psychology 3020 Section: 0021

Direction of Doctoral Dissertations (113960)

Daniel Schacter

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Psychology 3020 Section: 0022

Direction of Doctoral Dissertations (113960)

James Sidanius

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Psychology 3020 Section: 0022

Direction of Doctoral Dissertations (113960)

James Sidanius

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Psychology 3020 Section: 0023

Direction of Doctoral Dissertations (113960)

Jesse Snedeker

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Psychology 3020 Section: 0023

Direction of Doctoral Dissertations (113960)

Jesse Snedeker

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Psychology 3020 Section: 0024

Direction of Doctoral Dissertations (113960)

Leah Somerville

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Psychology 3020 Section: 0024

Direction of Doctoral Dissertations (113960)

Leah Somerville

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Psychology 3020 Section: 0025

Direction of Doctoral Dissertations (113960)

Elizabeth Spelke

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Psychology 3020 Section: 0025

Direction of Doctoral Dissertations (113960)

Elizabeth Spelke
Olivia Fiske

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Psychology 3020 Section: 0027

Direction of Doctoral Dissertations (113960)

John Weisz

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Psychology 3020 Section: 0027

Direction of Doctoral Dissertations (113960)

John Weisz

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Psychology 3020 Section: 003

Direction of Doctoral Dissertations (113960)

Joshua Buckholtz

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Psychology 3020 Section: 003

Direction of Doctoral Dissertations (113960)

Joshua Buckholtz

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Psychology 3020 Section: 004

Direction of Doctoral Dissertations (113960)

Randy Buckner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Psychology 3020 Section: 004

Direction of Doctoral Dissertations (113960)

Randy Buckner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Psychology 3020 Section: 005

Direction of Doctoral Dissertations (113960)

Alfonso Caramazza

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Psychology 3020 Section: 005

Direction of Doctoral Dissertations (113960)

Alfonso Caramazza

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Psychology 3020 Section: 006

Direction of Doctoral Dissertations (113960)

Susan Carey

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Psychology 3020 Section: 006

Direction of Doctoral Dissertations (113960)

Susan Carey

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Psychology 3020 Section: 007

Direction of Doctoral Dissertations (113960)

Mina Cikara

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Psychology 3020 Section: 007

Direction of Doctoral Dissertations (113960)

Mina Cikara

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Psychology 3020 Section: 008

Direction of Doctoral Dissertations (113960)

Fiery Cushman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Psychology 3020 Section: 008

Direction of Doctoral Dissertations (113960)

Fiery Cushman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Psychology 3020 Section: 009

Direction of Doctoral Dissertations (113960)

Samuel Gershman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Psychology 3020 Section: 009

Direction of Doctoral Dissertations (113960)

Samuel Gershman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Psychology 3020 Section: 026

Direction of Doctoral Dissertations (113960)

Katie McLaughlin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Psychology 3020 Section: 026

Direction of Doctoral Dissertations (113960)

Katie McLaughlin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Psychology 3020 Section: 028

Direction of Doctoral Dissertations (113960)

Elizabeth Phelps

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Psychology 3020 Section: 028

Direction of Doctoral Dissertations (113960)

Elizabeth Phelps

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Psychology 3020 Section: 029

Direction of Doctoral Dissertations (113960)

Tomer Ullman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Psychology 3020 Section: 029

Direction of Doctoral Dissertations (113960)

Tomer Ullman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Psychology 3050

Clinical Practicum (115467)

Richard McNally

Jill Hooley

Matthew Nock

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Students work in clinical settings locally and, under supervision, are directly involved in the treatment and clinical care of patients.

Course Notes: **Limited to Harvard doctoral students in clinical psychology.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Psychology 3050

Clinical Practicum (115467)

Jill Hooley

Richard McNally

Matthew Nock

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Students work in clinical settings locally and, under supervision, are directly involved in the treatment and clinical care of patients.

Course Notes: **Limited to Harvard doctoral students in clinical psychology.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Psychology 3200

Research Seminar in Clinical Science (118948)

Katie McLaughlin

2020 Spring (4 Credits) **Schedule:** W 0430 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Provides a forum for presenting and discussing current research in experimental psychopathology/clinical psychology. Presenters include graduate students, faculty, and outside speakers.

Course Notes: **Open only to Psychology Dept. doctoral students in clinical psychology.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Psychology 3200

Research Seminar in Clinical Science (118948)

Katie McLaughlin

2019 Fall (4 Credits) **Schedule:** W 0430 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Provides a forum for presenting and discussing current research in experimental psychopathology/clinical psychology. Presenters include graduate students, faculty, and outside speakers.

Course Notes: **Open only to Psychology Dept. doctoral students in clinical psychology.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Psychology 3220

Developmental Studies: Seminar (115575)

Susan Carey

2019 Fall (4 Credits) **Schedule:** M 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Research seminar open to graduate students conducting research in cognitive development.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Psychology 3220

Developmental Studies: Seminar (115575)

Elizabeth Spelke

Jesse Snedeker

2020 Spring (4 Credits) **Schedule:** M 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Research seminar open to graduate students conducting research in cognitive development.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Psychology 3240

Research Seminar in Cognitive Development (124241)

Elizabeth Spelke

2019 Fall (4 Credits) **Schedule:** T 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Psychology 3240

Research Seminar in Cognitive Development (124241)

Elizabeth Spelke

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Psychology 3250

Psychological Testing (118610)

Laura Phillips

2020 Spring (4 Credits) **Schedule:** R 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This weekly seminar for graduate students in clinical psychology is designed to provide basic skills in administering and interpreting standardized tests in the areas of intellectual assessment and personality assessment.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Psychology 3260

Conceptual Development: Research Seminar (119237)

Susan Carey

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Covers research methods for the study of conceptual development throughout the life span. All students must be currently engaged in experimental research.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Psychology 3260

Conceptual Development: Research Seminar (119237)

Susan Carey

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Covers research methods for the study of conceptual development throughout the life span. All students must be currently engaged in experimental research.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Psychology 3270

Language Acquisition: Research Seminar (118052)

Jesse Snedeker

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Covers research methods for language acquisition and language comprehension throughout the life span. All students must be currently engaged in experimental research.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Psychology 3270

Language Acquisition: Research Seminar (118052)

Jesse Snedeker

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Covers research methods for language acquisition and language comprehension throughout the life span. All students must be currently engaged in experimental research.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Psychology 3300

Course Related Work (208308)

2019 Fall (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** 30

To be used in exceptional circumstances, with permission from DGS or Graduage Office.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Psychology 3300

Course Related Work (208308)

2020 Spring (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

To be used in exceptional circumstances, with permission from DGS or Graduage Office.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Psychology 3320

Time - Research Related (208309)

2019 Fall (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** 30

To be used only in exceptional circumstances with permission from the DGS or Graduate Office.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Psychology 3320

Time - Research Related (208309)

2020 Spring (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

To be used only in exceptional circumstances with permission from the DGS or Graduate Office.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Psychology 3340

Research Seminar in Cognition, Brain, and Behavior (115582)

Samuel Gershman

Tomer Ullman

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Researchers in CBB, including graduate students, postdoctoral fellows, and faculty, present and discuss current research in cognitive science. Topics include memory, language, vision, mental imagery, concepts, animal and infant cognition, and related areas.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Psychology 3340

Research Seminar in Cognition, Brain, and Behavior (115582)

Samuel Gershman

Tomer Ullman

2020 Spring (4 Credits) **Schedule:** R 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Researchers in CBB, including graduate students, postdoctoral fellows, and faculty, present and discuss current research in cognitive science. Topics include memory, language, vision, mental imagery, concepts, animal and infant cognition, and related areas.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Psychology 3360

Current Topics in Vision and Sensory Processes (143094)

George Alvarez

Talia Konkle

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 20

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Psychology 3360

Current Topics in Vision and Sensory Processes (143094)

George Alvarez

Talia Konkle

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Psychology 3370

Teaching Related (208310)

2020 Spring (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

To be used in exceptional circumstances, with permission from DGS or Graduate Office.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Psychology 3370

Teaching Related (208310)

2019 Fall (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** 30

To be used in exceptional circumstances, with permission from DGS or Graduate Office.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Psychology 3420

Research Workshop in Social Psychology (121696)

Mina Cikara

Fiery Cushman

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Provides a forum for the presentation, discussion, and critique of current research in social psychology. Presenters include graduate students and faculty in social psychology plus visitors.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Psychology 3420

Research Workshop in Social Psychology (121696)

Joshua Greene

Fiery Cushman

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Provides a forum for the presentation, discussion, and critique of current research in social psychology. Presenters include graduate students and faculty in social psychology plus visitors.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Psychology 3501

Rationality: Talking Points (214586)

Steven Pinker

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Rationality is in the news, as we struggle to understand how an era with unpreceded scientific sophistication could harbor "post-truth" rhetoric, and it has long been a foundational topic in psychology, philosophy, economics, mathematics, and government. This graduate companion course to GENED 1066 Rationality explores the theories and controversies in greater depth, including the nature and psychology of rationality, and applications including crime, sports, medicine, climate, journalism, policy, and philanthropy, with a focus on effective altruism.

Course Notes: **Enrollment is limited to teaching fellows for GENED 1066 Rationality and graduate students who have obtained the permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

Psychology 3515

Graduate Seminar in Social Psychology (207211)

Fiery Cushman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 15

Graduate seminar in the field of Social Psychology. Topics include: attitudes and social influence; obedience to authority; stereotyping, prejudice, and intergroup relations; emotion; interpersonal attraction; morality and prosocial behavior; and errors of everyday human judgment.

Course Notes: **Open only to Harvard doctoral students in clinical psychology. Students will attend the lectures for Psychology 15 Social Psychology and complete additional graduate-level assignments.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Psychology 3550

Teaching Psychology (123926)

Jill Hooley

Katherine Powers

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Limited to and required of Sophomore Tutors.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Psychology 3550

Teaching Psychology (123926)

Katherine Powers

Jill Hooley

2019 Fall (4 Credits) **Schedule:** W 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Limited to and required of Sophomore Tutors.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Psychology 3555

Instructional Styles in Psychology (119532)

Leah Somerville

2020 Spring (4 Credits) **Schedule:** M 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally required of and limited to department graduate students who are first-time teaching fellows.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

Psychology 3555

Instructional Styles in Psychology (119532)

Leah Somerville

2019 Fall (4 Credits) **Schedule:** M 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Normally required of and limited to department graduate students who are first-time teaching fellows.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

Psychology 3570

Intergroup Relations: Graduate Research Seminar (205292)

James Sidanius

2019 Fall (4 Credits) **Schedule:** M 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This seminar provides students with research experience concerning different forms of intergroup relations, including the social psychology of interracial and interethnic conflict and prejudice. Graduate students meet on a weekly basis to discuss ongoing research on psychological mechanisms involved in power, stereotyping, inequality, identity, and ideology.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Psychology 3900

Professional Ethics (112225)

Katie McLaughlin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Examines ethical principles and legal issues involved in the practice of psychology, with an emphasis on clinical psychology. Covers ethical principles and code of conduct; uses case examples to highlight the application of these principles.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Public Policy

Subject: Public Policy

Public Policy 3000

Doctoral Research (208348)

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Research course for doctoral public policy students.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Public Policy 3000

Doctoral Research (208348)

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Research course for doctoral public policy students.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Regional Studies - East Asia

Subject: Regional Studies - East Asia

Regional Studies - East Asia 200

Topics in Regional Studies East Asia: Proseminar (208031)

Alexander Zahlten

James Robson

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0530 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This proseminar will introduce students to the various fields of research in East Asian Studies. Every week will feature a different member of the faculty to discuss their work and its disciplinary and methodological frameworks.

This course is limited to first-year RSEA students.

Not available for cross-registration.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Regional Studies - East Asia 300

Thesis Research and Writing (114050)

Michael Szonyi

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300

Thesis Research and Writing (114050)

Michael Szonyi

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300 Section: 002

Thesis Research and Writing (114050)

Karen Thornber

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300 Section: 002

Thesis Research and Writing (114050)

Karen Thornber

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and

research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Regional Studies - East Asia 300 Section: 003

Thesis Research and Writing (114050)

Theodore Bestor

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Regional Studies - East Asia 300 Section: 003

Thesis Research and Writing (114050)

Theodore Bestor

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Regional Studies - East Asia 300 Section: 004

Thesis Research and Writing (114050)

Ryuichi Abe

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Regional Studies - East Asia 300 Section: 004

Thesis Research and Writing (114050)

Richard Cooper

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300 Section: 005

Thesis Research and Writing (114050)

Peter K. Bol

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300 Section: 005

Thesis Research and Writing (114050)

Peter K. Bol

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Regional Studies - East Asia 300 Section: 006

Thesis Research and Writing (114050)

Edwin Cranston

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

FAS Divisional Distribution	None

Regional Studies - East Asia 300 Section: 006

Thesis Research and Writing (114050)

Edwin Cranston

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Regional Studies - East Asia 300 Section: 007

Thesis Research and Writing (114050)

Nara Dillon

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300 Section: 007

Thesis Research and Writing (114050)

Nara Dillon

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300 Section: 008

Thesis Research and Writing (114050)

Carter Eckert

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Regional Studies - East Asia 300 Section: 008

Thesis Research and Writing (114050)

Carter Eckert

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

FAS: Course Level	Graduate Course

Regional Studies - East Asia 300 Section: 009

Thesis Research and Writing (114050)

Mark Elliott

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Regional Studies - East Asia 300 Section: 009

Thesis Research and Writing (114050)

Mark Elliott

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300 Section: 010

Thesis Research and Writing (114050)

Rowan Flad

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Regional Studies - East Asia 300 Section: 010

Thesis Research and Writing (114050)

Rowan Flad

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Regional Studies - East Asia 300 Section: 011

Thesis Research and Writing (114050)

Andrew Gordon

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300 Section: 011

Thesis Research and Writing (114050)

Andrew Gordon

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Regional Studies - East Asia 300 Section: 012

Thesis Research and Writing (114050)

Helen Hardacre

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Regional Studies - East Asia 300 Section: 012

Thesis Research and Writing (114050)

Helen Hardacre

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Regional Studies - East Asia 300 Section: 013

Thesis Research and Writing (114050)

Nicholas Harkness

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Regional Studies - East Asia 300 Section: 013

Thesis Research and Writing (114050)

Nicholas Harkness

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

FAS: Course Level	Graduate Course

Regional Studies - East Asia 300 Section: 014

Thesis Research and Writing (114050)

Michael Herzfeld

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300 Section: 014

Thesis Research and Writing (114050)

Mary Brinton

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300 Section: 015

Thesis Research and Writing (114050)

David Howell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300 Section: 015

Thesis Research and Writing (114050)

David Howell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300 Section: 016

Thesis Research and Writing (114050)

Alastair Johnston

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300 Section: 016

Thesis Research and Writing (114050)

Alastair Johnston

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Regional Studies - East Asia 300 Section: 017

Thesis Research and Writing (114050)

Sun Joo Kim

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Regional Studies - East Asia 300 Section: 017

Thesis Research and Writing (114050)

Sun Joo Kim

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Regional Studies - East Asia 300 Section: 018

Thesis Research and Writing (114050)

C.-T. James Huang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Regional Studies - East Asia 300 Section: 018

Thesis Research and Writing (114050)

C.-T. James Huang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

All: Cross Reg Availability	Available for Harvard Cross Registration

Regional Studies - East Asia 300 Section: 019

Thesis Research and Writing (114050)

William Kirby

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300 Section: 019

Thesis Research and Writing (114050)

William Kirby

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Regional Studies - East Asia 300 Section: 020

Thesis Research and Writing (114050)

Shigehisa Kuriyama

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Regional Studies - East Asia 300 Section: 020

Thesis Research and Writing (114050)

Shigehisa Kuriyama

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Regional Studies - East Asia 300 Section: 021

Thesis Research and Writing (114050)

Jie Li

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300 Section: 021

Thesis Research and Writing (114050)

Jie Li

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Regional Studies - East Asia 300 Section: 022

Thesis Research and Writing (114050)

Wai-yee Li

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Regional Studies - East Asia 300 Section: 022

Thesis Research and Writing (114050)

Wai-yee Li

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300 Section: 023

Thesis Research and Writing (114050)

Yukio Lippit

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300 Section: 023

Thesis Research and Writing (114050)

Yukio Lippit

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

All: Cross Reg Availability	Available for Harvard Cross Registration

Regional Studies - East Asia 300 Section: 024

Thesis Research and Writing (114050)

Melissa M. McCormick

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300 Section: 024

Thesis Research and Writing (114050)

Melissa M. McCormick

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300 Section: 025

Thesis Research and Writing (114050)

Ian J. Miller

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Regional Studies - East Asia 300 Section: 025

Thesis Research and Writing (114050)

Ian J. Miller

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Regional Studies - East Asia 300 Section: 026

Thesis Research and Writing (114050)

Hilary Holbrow

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

All: Cross Reg Availability	Available for Harvard Cross Registration

Regional Studies - East Asia 300 Section: 026

Thesis Research and Writing (114050)

Ryuichi Abe

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Regional Studies - East Asia 300 Section: 027

Thesis Research and Writing (114050)

Si Nae Park

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Regional Studies - East Asia 300 Section: 027

Thesis Research and Writing (114050)

Si Nae Park

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Regional Studies - East Asia 300 Section: 028

Thesis Research and Writing (114050)

Elizabeth Perry

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300 Section: 028

Thesis Research and Writing (114050)

Elizabeth Perry

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300 Section: 029

Thesis Research and Writing (114050)

Susan Pharr

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300 Section: 029

Thesis Research and Writing (114050)

Susan Pharr

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Regional Studies - East Asia 300 Section: 030

Thesis Research and Writing (114050)

James Robson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Regional Studies - East Asia 300 Section: 030

Thesis Research and Writing (114050)

James Robson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300 Section: 031

Thesis Research and Writing (114050)

Anthony Saich

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Graduate Course

Regional Studies - East Asia 300 Section: 031

Thesis Research and Writing (114050)

Anthony Saich

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Regional Studies - East Asia 300 Section: 032

Thesis Research and Writing (114050)

Xiaofei Tian

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Regional Studies - East Asia 300 Section: 032

Thesis Research and Writing (114050)

Xiaofei Tian

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300 Section: 033

Thesis Research and Writing (114050)

David Wang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300 Section: 033

Thesis Research and Writing (114050)

David Wang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300 Section: 034

Thesis Research and Writing (114050)

Eugene Wang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300 Section: 034

Thesis Research and Writing (114050)

Eugene Wang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Regional Studies - East Asia 300 Section: 035

Thesis Research and Writing (114050)

Tomiko Yoda

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Regional Studies - East Asia 300 Section: 035

Thesis Research and Writing (114050)

Tomiko Yoda

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Regional Studies - East Asia 300 Section: 036

Thesis Research and Writing (114050)

Alexander Zahlten

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

All: Cross Reg Availability	Available for Harvard Cross Registration

Regional Studies - East Asia 300 Section: 036

Thesis Research and Writing (114050)

Alexander Zahlten

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Regional Studies - East Asia 300 Section: 037

Thesis Research and Writing (114050)

Leonard van der Kuijp

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Regional Studies - East Asia 300 Section: 037

Thesis Research and Writing (114050)

Leonard van der Kuijp

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300 Section: 038

Thesis Research and Writing (114050)

Arunabh Ghosh

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300 Section: 038

Thesis Research and Writing (114050)

Arunabh Ghosh

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300 Section: 039

Thesis Research and Writing (114050)

Steven Levitsky

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Regional Studies - East Asia 300 Section: 040

Thesis Research and Writing (114050)

Ya-Wen Lei

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Regional Studies - East Asia 300 Section: 041

Thesis Research and Writing (114050)

Michael J. Puett

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Regional Studies - East Asia 300 Section: 042

Thesis Research and Writing (114050)

Yuhua Wang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Regional Studies - East Asia 300 Section: 044

Thesis Research and Writing (114050)

Thomas Kelly

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

FAS: Course Level	Graduate Course

Regional Studies - East Asia 300 Section: 40

Thesis Research and Writing (114050)

Mary Brinton

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Regional Studies - East Asia 300 Section: 41

Thesis Research and Writing (114050)

Yuhua Wang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300 Section: 42

Thesis Research and Writing (114050)

John Park

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300 Section: 43

Thesis Research and Writing (114050)

John Park

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Regional Studies - East Asia 300 Section: 43

Thesis Research and Writing (114050)

Edward Cunningham

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300 Section: 44

Thesis Research and Writing (114050)

Daniel Koss

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 300 Section: 44

Thesis Research and Writing (114050)

Edward Cunningham

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Regional Studies - East Asia 300 Section: 45

Thesis Research and Writing (114050)

Paul Chang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Regional Studies - East Asia 300 Section: 46

Thesis Research and Writing (114050)

Donald Sturgeon

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Regional Studies - East Asia 300 Section: 47

Thesis Research and Writing (114050)

William Alford

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

FAS Divisional Distribution	None

Regional Studies - East Asia 300 Section: 48

Thesis Research and Writing (114050)

Thomas Kelly

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake A.M. thesis reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Committee recommends this course be taken in the Fall semester of the G2 year.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Regional Studies - East Asia 320

Reading and Research (146614)

James Robson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Permission of the faculty member and the Director of Graduate Studies of the RSEA program required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Regional Studies - East Asia 320 Section: 002

Reading and Research (146614)

Alexander Zahlten

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Candidates for the A.M. degree in Regional Studies_East Asia may undertake reading and research in an approved area of their choice under the direction of a member of the Faculty.

Course Notes: **Permission of the faculty member and the Director of Graduate Studies of the RSEA program required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Regional Studies - East Asia 390

Research (208339)

Alexander Zahlten

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Unsupervised research course. Permission of Academic Advisor and Director of Graduate Studies needed to enroll in the course.

Course Notes: **This course is not open to G1 students.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Regional Studies - East Asia 390

Research (208339)

Alexander Zahlten

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Unsupervised research course. Permission of Academic Advisor and Director of Graduate Studies needed to enroll in the course.

Course Notes: **This course is not open to G1 students.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Religion, The Study of

Subject: Religion

Religion 14 Section: 01

Studying Religion and Media (207022)

Helen Hardacre

2020 Spring (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

In contemporary society, most people probably derive most of their knowledge about religion (their own and other people's) from media. Our dependence on media for information about religion creates a need to become critical consumers and to understand how that information is produced. Media deliver information on all topics, not just religion, as commercialized products created in corporate organizations that must be responsible to stockholders and responsive to consumers. Media corporations distinguish themselves for consumers in part through political stances and alliances constituting one aspect of corporate "branding." Thus, a variety of political affiliations color media products, including those concerning religion. The intensification of media's partisanship is associated with social polarization and a perverse disregard for truth, "disinformation campaigns," and "fake news" on a range of topics, including religion. Within the contemporary "media mix," online media and social media constitute a particular challenge to corporate media, since individual users can proliferate information and interpretations concerning their subjects and thus challenge the authority of the corporations. How these new media treatments of religion will develop is a question of great interest. Course readings, in-class activities, and written assignments seek to develop greater critical, interpretive skill in assessing the treatment of religion in the media.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Religion 22

Interpreting Humanity, Interpreting Religion (208140)

Nicholas Boylston

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course is a gateway to the Study of Religion, presented against the backdrop of a larger question: What is the purpose of the humanities in the 21st century?

Based on the premise that solely Eurocentric approaches to what it means to be human are shortsighted at best, we seek to think through new ways of engaging with global sources that shed light on our common humanity. The course develops around a critical engagement with the concept 'transcendence', which will help us to approach alternative worldviews without eliminating difference.

After thinking about the stakes involved in cultivating the life of the mind in a crisis point for human existence, we begin with an extended reflection on the intellectual and cultural moment in which we find ourselves, investigating how this conditions the way we frame questions of what it means to be human.

Next, we take an honest look at the ways in which the dominant modes of knowledge and culture in the North Atlantic have been responsible for cultural, material and epistemic violence. Our exploration of diverse approaches to the human condition begins here, as we think through a range of responses to human-caused suffering. We then approach a range of questions of universal concern: What is ultimately real and how do we know what we know? What is the good, and how is it to be attained? How are we to relate to our fellow human beings, particularly when they seem deeply antagonistic?

This course is designed for freshmen and sophomores who are interested in exploring a vocation in the humanities. Throughout we will draw out the implications of the readings for our own intellectual and practical lives. Readings will include primary texts in translation drawn from traditions across the globe, as well as selected secondary literature.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Religion 40 Section: 01

Incarnation and Desire (107859)

Courtney Lamberth

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The course offers an introduction to Christian thought by considering major texts, figures and ideas from the first century to the present in their changing cultural contexts. Central themes include the categories of body, flesh and soul; free will, desire and sin in relation to divine grace; and the meaning of incarnation. Texts include canonical and non-canonical early Christian literatures, Patristic and medieval texts, Reformation theologies, as well as modern and contemporary authors. Students will develop a sense of the distinguishing features of the Christian world view, while gaining an appreciation for the significant diversity across the tradition

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

Religion 55 Section: 01

Denying and Defending God: Classic Texts of Modern Western Religious Thought (125125)

Charles Lockwood

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Drawing on thinkers from the nineteenth and twentieth centuries, this course considers questions that continue to shape modern Western religious reflection: Is religion a liberating force or one of

oppression? Is religion rational or the antithesis of reason? What is the relationship between religion and morality? Can all human beings be called religious? Texts are drawn from Kant, Schleiermacher, Feuerbach, Marx, Kierkegaard, Nietzsche, Barth, Tillich, King, Cone, Gutiérrez, Daly, and Williams. Special attention will be given to the rise of the modern category of religion, especially in relation to Christian theology; modern suspicion and critique of religion; and the transformation of European theological frameworks by liberation theologians in North and South America.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Religion 61 Section: 1

Literature of Modern Religious Experience and Reflection: Texts in the Christian Tradition (213265)

James Engell

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Works in various genres—e.g., poems, sermons, fiction, exhortations, philosophical reflections, essays—that represent a range of Christian lived experience and reflection on it. Existential issues of mortality, charity, love, sex, sin, injustice, contemplation, and forgiveness. Male and female authors from the last 600 years. Writers may include Julian of Norwich, William Langland, John Donne, George Herbert, S. T. Coleridge, Frederick Douglass, William James, Dietrich Bonhoeffer, Martin Luther King, Jr., Marilynne Robinson.

Cross-listed with English.

Class Notes: **Preference given to CSR and English concentrators.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Religion 91R

Supervised Reading and Research (122928)

Courtney Lamberth

Matthew Potts

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Religion 91R is a course of supervised reading and research on a special topic in the Study of Religion. The

course involves close reading and written work, both of which are evaluated by the faculty director with a letter grade and written comments. Students who wish to enroll in a 91R must receive the approval of the Director of Undergraduate Studies. 91R is ordinarily open only to concentrators. The instructor of the course must be a member of the Harvard faculty.

Course Notes: **May not be taken Pass/Fail. Normally open only to concentrators. Permission by Director of Undergraduate Studies required.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

Religion 91R

Supervised Reading and Research (122928)

Courtney Lamberth

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Religion 91R is a course of supervised reading and research on a special topic in the Study of Religion. The course involves close reading and written work, both of which are evaluated by the faculty director with a letter grade and written comments. Students who wish to enroll in a 91R must receive the approval of the Director of Undergraduate Studies. 91R is ordinarily open only to concentrators. The instructor of the course must be a member of the Harvard faculty.

Course Notes: **May not be taken Pass/Fail. Normally open only to concentrators. Permission by Director of Undergraduate Studies required.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Religion 91R Section: 003

Supervised Reading and Research (122928)

Matthew Potts

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Religion 91R is a course of supervised reading and research on a special topic in the Study of Religion. The course involves close reading and written work, both of which are evaluated by the faculty director with a letter grade and written comments. Students who wish to enroll in a 91R must receive the approval of the Director of Undergraduate Studies. 91R is ordinarily open only to concentrators. The instructor of the course must be a member of the Harvard faculty.

Course Notes: **May not be taken Pass/Fail. Normally open only to concentrators. Permission by Director of Undergraduate Studies required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students

Religion 97

Tutorial - Sophomore Year (117043)

David Lamberth

2020 Spring (4 Credits) **Schedule:** F 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Introduction to methods and theories in the study of religion, including major themes and arguments that have defined the field. Course emphasizes critical thinking and writing skills.

Course Notes: **Required of all concentrators, and recommended for Secondary Field students. Enrollment open to other students with instructors' permission.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Religion 98R

Tutorial - Junior Year (111985)

Courtney Lamberth

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Part of the sequence of small seminars focused on critical thinking and writing skills for concentrators, this course provides in-depth study of selected themes, texts, traditions or time periods.

Course Notes: **Required of concentrators.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

Religion 98R

Tutorial - Junior Year (111985)

Courtney Lamberth

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Part of the sequence of small seminars focused on critical thinking and writing skills for concentrators, this course provides in-depth study of selected themes, texts, traditions or time periods.

Course Notes: **Required of concentrators.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Religion 99A

Tutorial - Senior Year (118745)

Courtney Lamberth

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A required component of the senior year tutorial is a biweekly seminar, led by the Assistant Director of Undergraduate Studies. Covers research methods and strategies in thesis writing. Students must complete both terms of this course (parts A and B).

Course Notes: **Required of concentrators writing a thesis.**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Religion 99A

Tutorial - Senior Year (118745)

Courtney Lamberth

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A required component of the senior year tutorial is a biweekly seminar, led by the Assistant Director of Undergraduate Studies. Covers research methods and strategies in thesis writing. Students must complete

both terms of this course (parts A and B).

Course Notes: **Required of concentrators writing a thesis.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
Full Year Course	Divisible Course

Religion 99B

Tutorial - Senior Year (159849)

Courtney Lamberth

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A required component of the senior year tutorial is a biweekly seminar, led by the Assistant Director of Undergraduate Studies. Covers research methods and strategies in thesis writing. Students must complete both terms of this course (parts A and B).

Course Notes: **Required of concentrators writing a thesis.**

Requirements: **Prerequisite Religion 99A**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Religion 99B Section: 01

Tutorial - Senior Year (159849)

Courtney Lamberth

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A required component of the senior year tutorial is a biweekly seminar, led by the Assistant Director of Undergraduate Studies. Covers research methods and strategies in thesis writing. Students must complete both terms of this course (parts A and B).

Course Notes: **Required of concentrators writing a thesis.**

Requirements: **Prerequisite Religion 99A**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Divisible Course
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Religion 145 Section: 01

Forgiveness (215765)

Matthew Potts

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0600 PM

Instructor Permissions: None **Enrollment Cap:** n/a

When, if ever, are we obliged to forgive? What should forgiveness look like in the aftermath of violence? What conditions should be attached to its offer? Does forgiveness foster peace at the expense of justice? Should it? This course will examine the complicated problem of forgiveness through an examination of several diverse sources: theological, philosophical, and literary. The aim will be to develop a sophisticated understanding of the promise and problems of forgiveness in human lives, and to foster the critical application of such lessons to contemporary contexts and moral problems.

Class Notes: **Course has additional section hour to be arranged.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Religion 1010 Section: 01

The Deep: Purity, Danger, and Metamorphosis (118239)

Kimberley Patton

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Reflecting upon the many supernatural constructions of natural elements in lived religion, this comparative course examines metaphysical, mythical, and ritual responses to the sea, including its multiple and conflicting roles as arena of pilgrimage, catharsis, primordial generation, rebirth, desolation, or apocalypse.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Religion 1032 Section: 01

Sacrifice: Theory and Praxis (112438)

Kimberley Patton

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A comparative examination of the paradoxical ritual of sacrifice in a range of religious traditions where it is featured, rejected, or sublimated. We will consider types of sacrifice, blood- and bloodless offerings, and recurrent religious concepts: e.g., cosmogony, consecration, thanksgiving, communion, reciprocity, substitution, efficacy, violence, transgression, expiation, catharsis, human and divine hierarchy, and sacerdotal authority. We will also study important theories of sacrifice. Students will be encouraged to develop their own research and understanding.

Course Notes: **Offered by the Divinity School as 3254**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Religion 1040 Section: 01

Thinking Theologically in an Interreligious Perspective (126792)

Francis Clooney

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course examines the processes by which we learn interreligiously, by faith seeking understanding across religious boundaries. The goal is to bring this learning into dialogue with one's home tradition, by careful comparison and contrast, dialogical reflection and, ideally, a well-informed theological understanding of what it means to belong to one tradition and learn from another. Readings include (by way of a necessary example) Hindu and Christian primary and secondary texts, but students are encouraged to bring their knowledge of and interest in other traditions into the discussion, and may write one of two course papers on traditions other than the Hindu and Christian. Jointly offered with the Divinity School as HDS 3101.

Course Notes: **Offered jointly as HDS 3101**

Recommended Prep: **Prior knowledge of either tradition, though desirable, is not required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

Religion 1046 Section: 01

Introduction to Religion and Ecology (109574)

Dan McKanan

2020 Spring (4 Credits) **Schedule:** W 0100 PM - 0300 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will explore the intersection between religious traditions and ecological activism, with special attention to current conversations about "ethical eating." We will consider both the resources that religious traditions provide to ecological activists and the ways these activists have challenges aspects of traditional religion. The course will also function as a general introduction to the multiple ways of knowing that comprise the scholarly study of religion, with attention to scriptural interpretation, history, ethnography, theology, ethics, and comparative studies. It will feature several field trips to spiritually inspired farms, communities, and organizations. Jointly offered in the Harvard Divinity School as HDS 2798.

Course Notes: **Offered jointly with the Divinity School as 2798.**
Course had field trips to be arranged.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

Religion 1060 Section: 01

Hindu Goddesses and the Virgin Mary (124707)

Francis Clooney

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course explores gender and divinity by reading hymns praising Hindu goddesses Sri Laksmi, the great Goddess (Devi), the Tamil Apirami, and Bengalâ€™s Kali, while asking how feminine divinity is constructed in an environment where gods and goddesses flourish. The course at the same time explores the cult of the Virgin Mary, theologically, historically, through key texts. This approach is sharpened by some attention to performative, social, visual dimensions, and through contemporary feminist and theological insights. Not a survey, but an in-depth introduction.

Course Notes: **Offered jointly with the Divinity School as 3760.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Religion 1061 Section: 01

Introduction to the Upanisads (121296)

Francis Clooney

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0600 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This seminar introduces the ancient Indian Upanisads, some of the oldest and most famous primary texts of Vedic and Hindu India, ranging from before 700 BCE to 200 BCE and later. Select later Upanisads too will be considered, and the reception of the Upanisads in the Advaita Vedanta tradition. Topics include: the nature of self and of absolute reality; knowledge as transformative; the limits of language; the role of God in a nondualist worldview; meditation practice; death and rebirth; knowledge and ethics. Texts will be read in translation. No language or course prerequisites, but students will be encouraged to make use of any such expertise.

Course Notes: **Offered jointly with the Divinity School as 3919.**

Recommended Prep: **No language or course prerequisites, but students will be encouraged to make use of any such expertise.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students

Religion 1084 Section: 01

Encountering Motherhood: Sacred Histories (211228)

Kimberley Patton

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Childbearing, pregnancy, and motherhood, and the uncanny bond between mother and child have been focal themes in the history of human religiosity since the Paleolithic period. This seminar considers the complex subject of motherhood through case studies in religion, ritual, and the archaeology of ideas from Neolithic Anatolia, Ancient Greece, Eastern Christian and Buddhist traditions, and Finnish epic. We will also read contemporary analytical works in religion, sociology, anthropology, art history, and literature. Limited to 15 by application in person at the first meeting. Jointly offered with Harvard Divinity School as HDS 3121.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Religion 1256 Section: 01

Gender and Judaism in Modern America (214625)

Ann Braude

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0530 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Both demographic and cultural reproduction pose critical challenges to minority religions, placing pressure on personal decisions, group dynamics, religious practices, and intergroup relations. This course follows the navigation of these pressures by American Jews, and explores the formations of gender and sexuality that result. Topics include marriage, dating and family formation, synagogue life and Jewish ritual, as well as social and political movements that have become vehicles of American Jewish identity: civil rights, second-wave feminism, and Zionism. Readings include works by Riv-Ellen Prell, Lynn Davidman, Joyce Antler and Sarah Imhoff as well as fiction by Philip Roth and Anita Diamant. Jointly offered with Harvard Divinity School as HDS 2050.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Religion 1290 Section: 01

Archaeology and History of Israel/Palestine from the Second Temple to the Early Islamic Period (214627)

Giovanni Bazzana

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

The course will focus on the history of Israel/Palestine in the span of time of almost a millennium that witnessed the emergence of Judaism, Christianity, and Islam. Specific attention will be devoted to the changing landscape of the region and, by way of case studies, to archaeological excavations as evidence for cultural, religious, and socio-economic trajectories. The study of history and archaeology will be connected with the current religious and political situation of the region in order to highlight the ways in which the memory of the past shapes the present and is in turn shaped by present ideological concerns.

Course Notes: **Participation in the course includes participation to a three-weeks trip to Israel/Palestine that will take place in May before graduation and will include a week of excavation on the Magdala site.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Religion 1307 Section: 01

The Odyssey: Memory and Metaphor (213284)

Kimberley Patton

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course journeys with the Odyssey as an oral, then later written epic of the ancient Mediterranean—part of a wider tradition of marine wondertales of conquest and quest—with an afterlife of millennia in theology, literature, art, psychology and film. We will consider archaeological, artistic, and literary evidence bearing on this iconic story, a touchstone of classical antiquity that still resonates as metaphor and symbol for the ordeal of homecoming.

Class Notes: **Jointly offered with HDS 3072.**

Course enrollment is limited to 15, by application at the first class.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

Religion 1399 Section: 1

The Trial and Death of Jesus (214624)

Giovanni Bazzana

Shaye Cohen

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0230 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

The seminar will examine the accounts of Jesus's trial and death in order to address the historical and interpretive issues connected to this important and mysterious episode. Prominent attention will be given to primary sources and to their contextualization within early Judaism. Working knowledge of Greek and/or Hebrew is required. This course is jointly offered with Harvard Divinity School as HDS 1565.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Religion 1400

Introduction to the New Testament (113956)

Karen King

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

The course will address the questions: What is the New Testament? What work does the New Testament do? We will examine various approaches including scripturalizing, minority Biblical criticism, and historical criticism. Topics include teachings of/by/about Jesus, Jews and Christians, empire and colonialism, the roles of women, Roman and US salvery, the politics of storytelling and canon formation, heresy, and sexualities/masculinities/gender.

Course Notes: **Offered jointly with the Divinity School as 1202. Additional hour to be arranged.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Religion 1401 Section: 01

Early Christian Thought 1: The Greek Tradition (125000)

Charles Stang

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This introductory course will focus on the major Greek authors of the late antique Christian East (third through eighth centuries). Authors will include Origen, Antony the Great, Athanasius, Basil of Caesarea, Gregory of Nazianzus, Gregory of Nyssa, Evagrius of Pontus, Cyril of Alexandria, Pseudo-Dionysius the Areopagite, Maximus the Confessor, and John of Damascus.

Course Notes: **Offered jointly with the Divinity School as 1749.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Religion 1414 Section: 01

Scripture Stories of Women (119944)

Elisabeth Schussler Fiorenza

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

The seminar will engage in a feminist reading of Scripture Stories about wo/men in order to trace the cultural imprint of these stories and to assess, whether they are "good news" for wo/men. Special attention will be given to feminist interpretation, and political-cultural imagination. Discussion will focus on the significance of social location, and religious imagination for the interpretation and teaching of these biblical wo/men stories. We also will explore their cultural and religious significance for contemporary religious education and/or ministerial praxis. Jointly offered in Harvard Divinity School as HDS 1503.

Class Notes: **Jointly offered with HDS 1503**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Religion 1461 Section: 00

Gender, Religion and Scripture (203213)

Elisabeth Schussler Fiorenza

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

This course is an introduction to the field of feminist biblical studies. We will discuss the intellectual history and institutional development of feminist biblical studies around the globe and explore different methods of analysis such as rhetorical, historical, queer, or intersectional kyriarchal analyses. We also will explore biblical women's stories such as Eve, Sarah, Hagar Mary of Magdala, or the slave girl Rhoda. Lectures, group meetings, discussions, and presentations seek to foster participatory, collaborative and democratic styles of learning.

Class Notes: **Offered jointly as HDS 2117.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Religion 1469 Section: 01

The Protestant Reformations (205627)

Michelle Sanchez

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

The sixteenth century saw turmoil and rapid change in and beyond Europe: religious fragmentation, but also rising colonization, class warfare, new media, and the seeds of absolutism and nationalism. This course examines major movements of Protestant Reform, focusing on the role of theological arguments in reshaping concepts of power and representation. Why were certain reforms persuasive, and to whom? What were their political and social implications—not only for clergy, princes, and merchant-class men, but also peasants, women, Jews, Muslims, intellectuals, and artists? Finally, we will read these histories alongside our present, in which media-driven crisis has become the norm.

Course Notes: **Offered jointly with Divinity as 2188.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Religion 1472 Section: 01

The Ethical and Religious Thought of Martin Luther King, Jr. (124313)

Preston Williams

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A study of the life, thought, and actions of Martin Luther King, Jr. An ethical analysis of his primary concepts, ideas, and strategies based upon a reading and discussion of his writings and their sources.

Course Notes: **Offered jointly with the Divinity School as 2721.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Religion 1497 Section: 01

Evangelicalism in America (156250)

Catherine Brekus

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course focuses on the American evangelical movement from the 1740s to the present. Beginning with the rise of transatlantic evangelicalism in the eighteenth century, we will explore the role of evangelicals in the American Revolution, the revivals of the Second Great Awakening, the crisis caused by slavery, the Fundamentalist-Modernist controversy in the early twentieth century, the emergence of Pentecostalism and the Charismatic Movement, the controversies created by neo-evangelicalism in the 1940s, the relationship between evangelicalism and the civil rights movement, the political activism of the Christian Right, and contemporary evangelical attitudes toward gender and sexuality. Readings will introduce students to both evangelical ideas and practices. Throughout the course, we will focus on the historical development of evangelicalism and the relationship between evangelicals and American culture.

Course Notes: **Offered jointly with the Divinity School as 2187.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Religion 1520 Section: 01

Introduction to Hermeneutics and Theology (117871)

Francis Fiorenza

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

General introduction to hermeneutical theory and theology. It surveys the development of theories of interpretation from classical to modern and contemporary times and show the relation between the theory of interpretation and the understanding of theology. The course will especially attend to the influence of nineteenth and twentieth century theories of interpretation upon sacred texts, the diverse approaches to theology, and key theological categories such as revelation, experience, method, foundations, classics, community, and practice. It introduce studies to some of the modern debates about the importance of interpretation for religious and theological studies.

Course Notes: **Offered jointly with the Divinity School as 2410. Course has additional section hour to be arranged.**

Class Notes: **Familiarity with NT and Early Christian studies**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Graduate Students

Religion 1522 Section: 1

Calvin, Schleiermacher, Barth, Cone (205628)

Michelle Sanchez

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0300 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

John Calvin, Friedrich Schleiermacher and Karl Barth are major figures of Reformed Protestantism whose work directly engaged the political and intellectual concerns of their own times. In the 1970s, James Cone's Black Theology took its point of departure, in part, from Cone's critique of Barth. This course will closely read each author, looking at similarities and differences in how they approach theological topics (e.g., God, human being, scripture, nature, salvation, church). Throughout, we will consider what these four projects can teach us both about the "tradition" of Reformed theology and the task and responsibility of theology more generally. Jointly offered the Divinity School as HDS 2278.

Course Notes: **Offered jointly with Divinity as 2278.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

Religion 1525 Section: 01

The Holocaust: Religion and Representation (135951)

Kevin Madigan

2020 Spring (4 Credits) **Schedule:** F 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This undergraduate seminar (intended mainly for concentrators) will focus the issue of representation of religion in filmic, literary and memorial representations of the Holocaust. After a brief historical overview of the history of the Holocaust, we will turn our attention to the following issues and themes: philosophical and theological reflections on the issues of representation, especially on the limits of traditional media to represent extremes of human evil and suffering; literary texts and films that are recognized as classics in attempting to mediate the experience of the Holocaust; issues of memory and postmemory; the aestheticization of trauma; God and evil; and the reception of cultural artifacts in Germany, Israel and the United States, particularly among religious communities.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Religion 1529 Section: 01

The Holocaust and the Churches, 1933-45 (124910)

Kevin Madigan

2020 Spring (4 Credits) **Schedule:** F 0900 AM - 1100 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This seminar will approach the Nazi persecution of European Jewry from several disciplinary perspectives. Initially the seminar will explore the topic historically. In these weeks, the seminar will use a variety of historical materials dealing with the history of European anti-semitism, German history from Bismarck to the accession of Hitler, the evolution of anti-Jewish persecution in the Third Reich, and the history of the Holocaust itself. Sources to be used will include primary sources produced by the German government 1933-1945, by Jewish victims-to-be or survivors, documentary films, and secondary interpretations. The aims of this part of the seminar will be to understand the basic background to and narrative of the Holocaust, to introduce students to the critical use of primary historical sources, and to familiarize them with some of the major historiographical debates. Then the members of the seminar will ponder religious and theological reactions to the Holocaust. The seminar will also consider the historical question of the role played by the Protestant and Catholic churches and theologies in the Holocaust. The seminar will conclude with an assessment of the role played by the Holocaust in today's world, specifically in the United States. Throughout the seminar, participants will use various literary and cinematographic sources and test their limits in helping to understand and to represent the Holocaust.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

Religion 1537 Section: 01

Justice, Human Rights, and Religion (107394)

Francis Fiorenza

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0200 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This seminar focuses on the relation between different conceptions of justice and different conceptions of human rights. At the same it will deal with some current criticisms of human rights and the relation between human rights and religion, especially Christianity. Special attention will be given to the work of Farmer, Rawls, Habermas, Sen & Nussbaum, Sandel, Derrida, Butler, Fraser, Young, Wolterstorff, Cohen, and Buchanan. It will seek to show how:a conception of human rights relates to religion within the framework of a discourse ethics.

Course Notes: **Offered jointly with the Divinity School as HDS 2632.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Religion 1541 Section: 01

Kant and Kierkegaard (121942)

David Lamberth

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 14

A close reading of selected major works of Kant and Kierkegaard. The seminar will focus on issues such as the nature and limits of reason, the concepts of freedom and morality, and the relationship between reason and faith.

Jointly offered in the Divinity School as Religion 2670

Course Notes: **Offered jointly with the Divinity School as 2670.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Religion 1556 Section: 01

Pragmatism and Religion (156099)

David Lamberth

2020 Spring (4 Credits) **Schedule:** R 0900 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course surveys the American pragmatic tradition, attending in particular to views of religion. The first

part takes up the classical pragmatic period, reading Emerson, then Peirce, James, Dewey, Jane Addams and Alain Locke. Topics include belief, experience, truth, pluralism, ethics, society, and the nature and role of religion. The latter half considers late 20th century neo-pragmatism, reading Rorty, Putnam, West, Chopp and Glaude. Prior work in theology or philosophy is recommended. Jointly offered in the Harvard Divinity School as HDS 2671.

Course Notes: **Offered jointly with the Divinity School as 2671.**

Recommended Prep: **Prior work in theology or philosophy recommended but not required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

Religion 1557 Section: 01

Unitarian and Universalist History in the United States (126761)

Dan McKanan

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0530 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This survey course will trace the history of both Unitarianism and Universalism from their eighteenth-century origins to the present. Focusing especially on the experiences of local congregations, we will explore the diverse starting points of liberal religion in the United States; the challenges of Transcendentalism, spiritualism, and humanism; the interplay between liberal religion and social reform; and the experience of consolidation in the twentieth century.

Class Notes: **Cross listed with HDS 2776**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Religion 1572 Section: 00

Sex, Gender and Sexuality (156088)

Amy Hollywood

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The course will explore the theoretical articulation of sex, gender, and sexuality in twentieth-century theory, particularly in psychoanalysis, philosophy, and feminist and queer theory. Readings will include texts by Sigmund Freud, Simone de Beauvoir, Jacques Lacan, Michel Foucault, Gayle Rubin, Julia Kristeva, Monique Wittig, Judith Butler, Moira Gatens, and others.

Course Notes: **Offered jointly with the Divinity School as 2692.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Religion 1573 Section: 01

Sex, Gender, and Sexuality II (204026)

Amy Hollywood

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

The second of two parts, the course will continue to explore the theoretical articulation of sex, gender, and sexuality in feminist and queer theory, with attention to the role of other differences – racial, ethnic, religious, and differences in physical ability – in contemporary work. Prerequisite: REL 1572 or consent of the instructor.

Course Notes: **Jointly offered with Divinity as 2693**
Additional hour to be arranged.

Recommended Prep: **Prerequisite: Religion 1572 or consent of the instructor**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Religion 1579 Section: 01

Theologies of Universal Salvation (214609)

Dan McKanan

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0600 PM

Instructor Permissions: None **Enrollment Cap:** n/a

In honor of the 250th anniversary of John Murray's arrival in North America, this course will explore a wide range of Universalist theologies, from within and beyond the Universalist denomination. We will consider ancient and early modern articulations of the idea of universal salvation (Origen, Gerard Winstanley, Jane Lead, Paul Siegvolck, George de Benneville); the defining theologies of denominational Universalism (James Relly, Elhanan Winchester, John Murray, Judith Sargent Murray, Hosea Ballou); nineteenth century debates about ultra universalism and spiritualism; twentieth century attempts to redefine Universalism in a post-Christian context; and recent explorations of the possibility of universal salvation by Roman Catholic and evangelical theologians. In addition to weekly class sessions, the course will include approximately four public events at Massachusetts locations important to the history of Universalism.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Religion 1590 Section: 01

Issues in the Study of Native American Religion (156296)

Ann Braude

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Based around a series of traditionalist guest speakers, this course interrogates the study of religion in general and of Native American traditions in particular in light of indigenous religious experiences, perspectives and histories. Questions of appropriation, repatriation and religious freedom will be approached through legal as well as cultural frameworks.

Course Notes: **Offered jointly with the Divinity School as 2345.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Religion 1615 Section: 01

The Bhagavad Gita and Its Commentators (124708)

Francis Clooney

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0600 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Bhagavad Gita, a Hindu classic of devotion and theology, has received extensive classical and contemporary commentary. The seminar explores selectively the interpretations of classical commentators (Sankara, Ramanuja, and Madhusudana Sarasvati), and 20th century interpreters (B. G. Tilak, Mohandas Gandhi, Bede Griffiths). Part of the series, Reading Hindu Texts Interreligiously, meant for students interested in closely reading Indian/Hindu texts, with attention to textual analogues from other religions. Sanskrit useful but not required.

Course Notes: **Offered jointly with the Divinity School as 3750.**

Recommended Prep: **No Sanskrit required.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Course Roll	FAS Course Roll

Religion 1818 Section: 01

Love, Sanctity and Authority: An Introduction to Shii Islam (207015)

Nicholas Boylston

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Though they are minority traditions often overlooked in the academy, the major branches of Shii Islam (Twelver, Ismaili and Zaydi) provide a valuable entry point into the study of those aspects of the Islamic tradition that are most constitutive and most contested. After examining the historical contexts in which these three branches arose, the course will address Shia theologies, rituals, law, spiritualities and notions of authority, comparing views across the three branches and highlighting their internal differences through history. We will inquire into what, if anything, unites the concerns of each branch, focusing on conceptions of Imamate and the central concept of wilāya/walāya, which means love, political and spiritual authority, filiation, sanctity, and proximity to God. In the final unit of the course we will examine the emergence of modern Shii social configurations and state building and their relationships to the doctrines and practices discussed throughout the class, focusing on Twelver Iran and Zaydi Yemen.

Additional hour to be arranged.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Religion 1829 Section: 00

Race and Gender in the History of Islam in the U.S. and Europe (156105)

Leila Ahmed

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 14

We will read key contemporary works in the history of Islam in the U.S. and Europe primarily in the 20th and 21st centuries and carefully explore in particular themes of race and gender.

Course Notes: **Offered jointly with the Divinity School as 3582.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Religion 1844 Section: 00

Religion, Gender, Identity in 21st Century Diasporic Muslim Fiction (109864)

Leila Ahmed

2019 Fall (4 Credits) **Schedule:** F 1200 PM - 0300 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

Diasporic Muslim fiction in the West: We will read 21st century novels by writers of Muslim background based in Europe and the U.S.— exploring, among others, themes of border crossings, the Muslim immigrant experience, figurations of gender and sexuality, and representations - and contestations - of Islam in the West. Readings include (provisional list): Ben Jalloun, *Leaving Tangier*, Hosseini, *The Kite Runner*, Hamid, *The Reluctant Fundamentalist*, Lalami, *Secret Son*, Aboulela, *Minaret*, Jarrar, *A Map of Home*, Shafak, *Forty Rules of Love*.

Course Notes: **Offered jointly with the Divinity School as 3590.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Religion 1920 Section: 01

The Politics of Storytelling (109925)

Michael Jackson

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

This course addresses Hannah Arendt's thesis that storytelling is a critical strategy for bridging the gap between private and public realms. Storytelling is thus understood as a mode of social and political activity that involves a struggle between personal and collective representations of the "truth" and between unofficial and official versions of events. Through the close analysis of storytelling in a variety of situations, we will explore the ways in which the meaning of stories resides not in any ahistorical essence or internal logic, but emerges from the everyday human struggle to strike a balance between domains of experience that are, on the one hand, felt to belong to oneself or one's own kind, and, on the other, felt to be shared by or to belong to others.

Course Notes: **Offered jointly with the Divinity School as 3859.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Religion 2001

The History of the Study of Religion (118557)

Matthew Potts

2019 Fall (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 18

An examination of the study of religion from early modernity to the present, with attention to key thinkers, methods, and theories. Required common doctoral seminar for first-year PhD candidates in the Study of Religion or an affiliated department (in the latter case, must have express permission of the Instructor.)

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Religion 2002

Contemporary Conversations in the Study of Religion: Seminar (122916)

Helen Hardacre

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

An engagement with the theoretical and methodological issues that scholars of religion across the various research areas deem to be the most urgent and compelling in the discipline today, accompanied by sustained consideration of the major stages in graduate students' progress to the Ph.D.

Course Notes: **Limited to second-year doctoral students in the Study of Religion.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Religion 2454A Section: 01

God and Modern Writing 1 (156093)

Mark Jordan

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Whatever else the word "modern" means, it has named a crisis in European and American styles or forms—a crisis of inheritance for traditional forms, a crisis of confidence about form as such. Histories of modern arts or literatures tell familiar stories about how the crisis played itself out by defacing the old or improvising the new. It is not so obvious what story could be told about modern Christian theology. Indeed, it may not be clear how much modern theology there has been in this sense—namely, theology written as deliberate response to a cultural crisis of forms.

This course will pose the question, what modernity means for writing about God up through the second

'World War.' It will look within and beyond theology's academic boundaries to a selection of formally deliberate texts in a variety of genres. These texts will include among others works by Soren Kierkegaard, Friedrich Nietzsche, Karl Barth, Djuna Barnes, Simone Weil, and Walter Benjamin. The choice of texts is only a selection, not a survey. Its aim is not to judge everything that has been written so much as to find help for what might yet be written.

Course Notes: **Offered jointly with the Divinity School as 2374.**
Course has additional section hour to be arranged.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Religion 2455 Section: 01

Aquinas: Incarnation, Narration, Sacrament (156091)

Mark Jordan

2019 Fall (4 Credits) **Schedule:** M 0600 PM - 0800 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

At the center of the *Summa of Theology*, the reader finds a broad analysis of the motives and purposes of human action. But the analysis remains incomplete until Thomas takes up the incarnation, narrated life, and memorial sacraments of the Christ. Incarnation is the pedagogical principle that makes moral formation possible. It also justifies the teaching of Christian theology, not least in a *summa*. This course will read selected questions from Thomas's *Summa*. It will seek to understand the logic of divine teaching that explains God's choice to become incarnate, the events of Jesus's life, and the legacy of sacramental scenes of instruction. It will then ask how this logic was already at work in Thomas's description of moral life, perhaps especially in his treatments of the passions, the succession of laws, and vocation to a way of life.

Course Notes: **Offered jointly with the Divinity School as 2609.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Religion 2505 Section: 01

Research in American Religious History (214607)

Catherine Brekus

2020 Spring (4 Credits) **Schedule:** W 0900 AM - 1200 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course is a seminar for students who wish to write research papers on American religious history. We

will discuss every aspect of the research and writing process, including identifying a meaningful research problem, finding sources, making historical claims, and writing with clarity and grace. All students will make a presentation on their research and will submit a final paper of 25-30 pages in length.Jointly offered with Harvard Divinity School as HDS 2391.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Religion 2514 Section: 01

Caribbean Materialisms: Wynter and Glissant (213589)

Mayra Rivera

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This advanced seminar examines the works of two influential Caribbean theorists—Sylvia Wynter and Édouard Glissant—in dialogue with the sources that most shape their works. The course pays particular attention to their contributions to conceptualizing the relationship between materiality, coloniality, language and the sacred. Jointly offered in the Divinity School as HDS 2438 and RLL xxxx.

Course Notes: **Jointly offered as HDS 2438**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Religion 2519 Section: 01

Coloniality, Race and Catastrophe (213294)

Mayra Rivera

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0200 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course explores the relationship between coloniality, race and ecology through the lens of "catastrophe." We will examine a variety of theoretical sources that deploy or refute tropes of the "end of the world". We will study different uses of "catastrophe"—to denounce the destruction of a particular world, re-imagine the past, or proclaim the impossibilities of the present. Through the readings and discussions, we will analyze the aims, effectiveness and limitations of talk of catastrophe in the contemporary context.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Religion 2549 Section: 01

Women, Religion, and the Problem of Historical Agency (113871)

Catherine Brekus

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course examines recent scholarship on women in American religious history, focusing particularly on questions of narration, agency and power. We will ask several interrelated questions: How have historians integrated women into narratives of American religious history? Whose stories have they highlighted, and why? How have they conceptualized women as historical agents? We will read major interpretive works as well as theoretical accounts of gender, social structure, and power. Readings will explore the diversity of religious traditions in America, including Puritanism, Judaism, Mormonism, Catholicism, African-American Christianity, evangelicalism, and Islam. Jointly offered in the Divinity School as HDS 2186

Course Notes: **Offered jointly with the Divinity School as HDS 2186.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities

Religion 2710R Section: 01

Buddhist Studies Seminar: The History of South Asian Buddhist Texts (118741)

Janet Gyatso

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0530 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This is a seminar for doctoral students planning to take generals exams in Buddhist Studies as well as for advanced masters students in the field. It will study the history of Sanskrit and Pali canonical and extra-canonical literature and their commentaries, translations, "canons," and major schools of interpretation. Foundational modern secondary scholarship will be considered as well, along with the state-of-the-art critical apparatus for Buddhist Studies. Prerequisite: Advanced background in Buddhist Studies and consent of instructor. Jointly offered with Harvard Divinity School as HDS3888.

Course Notes: **May be repeated for credit. Offered jointly with the Divinity School as 3888.**

Recommended Prep: **Advanced knowledge in Buddhist Studies.**
Knowledge of at least one classical Asian language.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

Religion 2810 Section: 01

Islamic Institutions - Middle East & Beyond: Modern Transformations & Debates (19th-21st centuries) (208008)

Malika Zeghal

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This graduate seminar explores the transformation of Islamic institutions in the modern period, such as religious endowments (Awqaf), sharia courts, and Islamic education. We will engage with the historiography of these institutions and with primary sources in Arabic that will help us open new paths for research.

Recommended Prep: **Arabic reading proficiency preferable.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities

Religion 2950 Section: 01

Ethnographic Methods in the Study of Religion (215754)

Michael Jackson

2020 Spring (4 Credits) **Schedule:** T 0900 AM - 1100 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course provides a general introduction to ethnography - an approach to understanding life-worlds through a double perspective in which active participation and immersion (with a goal of seeing the world from another's point of view) is coupled with systematic observation and documentation (recording life-stories, filming critical or ritual events, and keeping fieldwork journals). Rather than reduce ethnographic practice to scientific protocols for data-gathering, we will approach it by reflecting on the shared elements of our humanity (sensus communis) that make it possible to interact with, understand, and write about others empathically, insightfully, and ethically. Accordingly, this course will not rely on textbooks in ethnographic method, but on readings and films that actually show ethnographers in the field and afford us glimpses into some of the research strategies, vital relationships, emotional stresses, and moral dilemmas associated with doing fieldwork 'outside our comfort zones'. We will also explore the tension between studying others contextually rather than through texts, and ask how first-hand experience of life-as-lived can be reconciled with the demands of theory-building and knowledge production in the academy.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Religion 3000 Section: 01

Direction of Doctoral Dissertations (111117)

Ryuichi Abe

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Religion 3000 Section: 01

Direction of Doctoral Dissertations (111117)

Ali Asani

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS Course Roll	FAS Course Roll

Religion 3000 Section: 02

Direction of Doctoral Dissertations (111117)

Giovanni Bazzana

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Religion 3000 Section: 02

Direction of Doctoral Dissertations (111117)

Ali Asani

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Religion 3000 Section: 03

Direction of Doctoral Dissertations (111117)

Catherine Brekus

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Religion 3000 Section: 03

Direction of Doctoral Dissertations (111117)

Leila Ahmed

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Religion 3000 Section: 04

Direction of Doctoral Dissertations (111117)

Davíd L. Carrasco

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Religion 3000 Section: 04

Direction of Doctoral Dissertations (111117)

Giovanni Bazzana

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Religion 3000 Section: 05

Direction of Doctoral Dissertations (111117)

Catherine Brekus

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Religion 3000 Section: 05

Direction of Doctoral Dissertations (111117)

Francis Clooney

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Religion 3000 Section: 06

Direction of Doctoral Dissertations (111117)

Davíd L. Carrasco

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Religion 3000 Section: 06

Direction of Doctoral Dissertations (111117)

Shaye Cohen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Religion 3000 Section: 07

Direction of Doctoral Dissertations (111117)

Francis Clooney

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Religion 3000 Section: 07

Direction of Doctoral Dissertations (111117)

Diana Eck

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Religion 3000 Section: 08

Direction of Doctoral Dissertations (111117)

Diana Eck

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Religion 3000 Section: 08

Direction of Doctoral Dissertations (111117)

James Engell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Religion 3000 Section: 09

Direction of Doctoral Dissertations (111117)

Francis Fiorenza

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Religion 3000 Section: 09

Direction of Doctoral Dissertations (111117)

Francis Fiorenza

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Religion 3000 Section: 10

Direction of Doctoral Dissertations (111117)

Ryuichi Abe

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Religion 3000 Section: 10

Direction of Doctoral Dissertations (111117)

Luis Giron Negron

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Religion 3000 Section: 11

Direction of Doctoral Dissertations (111117)

Luis Giron Negron

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Religion 3000 Section: 11

Direction of Doctoral Dissertations (111117)

William A. Graham

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Religion 3000 Section: 12

Direction of Doctoral Dissertations (111117)

Janet Gyatso

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Religion 3000 Section: 12

Direction of Doctoral Dissertations (111117)

Ousmane Oumar Kane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Religion 3000 Section: 13

Direction of Doctoral Dissertations (111117)

David Holland

David Hall

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Religion 3000 Section: 13

Direction of Doctoral Dissertations (111117)

Janet Gyatso

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Religion 3000 Section: 14

Direction of Doctoral Dissertations (111117)

Helen Hardacre

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Religion 3000 Section: 14

Direction of Doctoral Dissertations (111117)

Helen Hardacre

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Religion 3000 Section: 15

Direction of Doctoral Dissertations (111117)

David Hempton

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Religion 3000 Section: 15

Direction of Doctoral Dissertations (111117)

David Hempton

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Religion 3000 Section: 16

Direction of Doctoral Dissertations (111117)

Evelyn Brooks Higginbotham

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Religion 3000 Section: 16

Direction of Doctoral Dissertations (111117)

David Holland

Karen King

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Religion 3000 Section: 17

Direction of Doctoral Dissertations (111117)

Amy Hollywood

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Religion 3000 Section: 17

Direction of Doctoral Dissertations (111117)

Amy Hollywood

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Religion 3000 Section: 18

Direction of Doctoral Dissertations (111117)

Baber Johansen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Religion 3000 Section: 18

Direction of Doctoral Dissertations (111117)

Michael Jackson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Religion 3000 Section: 19

Direction of Doctoral Dissertations (111117)

Mark Jordan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Religion 3000 Section: 19

Direction of Doctoral Dissertations (111117)

Arthur Kleinman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Religion 3000 Section: 20

Direction of Doctoral Dissertations (111117)

James Kloppenberg

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Religion 3000 Section: 20

Direction of Doctoral Dissertations (111117)

Racha Kirakosian

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Religion 3000 Section: 21

Direction of Doctoral Dissertations (111117)

David Lamberth

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Religion 3000 Section: 21

Direction of Doctoral Dissertations (111117)

David Lamberth

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Religion 3000 Section: 22

Direction of Doctoral Dissertations (111117)

Jon Levenson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Religion 3000 Section: 22

Direction of Doctoral Dissertations (111117)

Jon Levenson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Religion 3000 Section: 23

Direction of Doctoral Dissertations (111117)

Peter Machinist

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Religion 3000 Section: 23

Direction of Doctoral Dissertations (111117)

Kevin Madigan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Religion 3000 Section: 24

Direction of Doctoral Dissertations (111117)

Kevin Madigan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Religion 3000 Section: 25

Direction of Doctoral Dissertations (111117)

Laura Nasrallah

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Religion 3000 Section: 25

Direction of Doctoral Dissertations (111117)

Mayra Rivera

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Religion 3000 Section: 26

Direction of Doctoral Dissertations (111117)

Roy Mottahedeh

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Religion 3000 Section: 26

Direction of Doctoral Dissertations (111117)

Jacob Olupona

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Religion 3000 Section: 27

Direction of Doctoral Dissertations (111117)

Jacob Olupona

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Religion 3000 Section: 27

Direction of Doctoral Dissertations (111117)

Parimal Patil

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Religion 3000 Section: 28

Direction of Doctoral Dissertations (111117)

Kimberley Patton

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Religion 3000 Section: 28

Direction of Doctoral Dissertations (111117)

Parimal Patil

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Religion 3000 Section: 29

Direction of Doctoral Dissertations (111117)

Michael J. Puett

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Religion 3000 Section: 29

Direction of Doctoral Dissertations (111117)

Kimberley Patton

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Religion 3000 Section: 30

Direction of Doctoral Dissertations (111117)

Leila Ahmed

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Religion 3000 Section: 30

Direction of Doctoral Dissertations (111117)

Michael J. Puett

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Religion 3000 Section: 31

Direction of Doctoral Dissertations (111117)

Elisabeth Schussler Fiorenza

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Religion 3000 Section: 31

Direction of Doctoral Dissertations (111117)

Mayra Rivera

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Religion 3000 Section: 32

Direction of Doctoral Dissertations (111117)

James Robson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Religion 3000 Section: 32

Direction of Doctoral Dissertations (111117)

Charles Hallisey

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Religion 3000 Section: 33

Direction of Doctoral Dissertations (111117)

Elisabeth Schussler Fiorenza

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Religion 3000 Section: 33

Direction of Doctoral Dissertations (111117)

Charles Stang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Religion 3000 Section: 34

Direction of Doctoral Dissertations (111117)

Charles Stang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Religion 3000 Section: 34

Direction of Doctoral Dissertations (111117)

Malika Zeghal

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Religion 3000 Section: 35

Direction of Doctoral Dissertations (111117)

Elise Ciregna

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Religion 3000 Section: 35

Direction of Doctoral Dissertations (111117)

Leonard van der Kuijp

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Religion 3000 Section: 36

Direction of Doctoral Dissertations (111117)

Malika Zeghal

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Religion 3000 Section: 36

Direction of Doctoral Dissertations (111117)

Mark Jordan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Religion 3000 Section: 37

Direction of Doctoral Dissertations (111117)

David Hall

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Religion 3000 Section: 37

Direction of Doctoral Dissertations (111117)

Karen King

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Religion 3000 Section: 38

Direction of Doctoral Dissertations (111117)

Charles Hallisey

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Religion 3000 Section: 39

Direction of Doctoral Dissertations (111117)

Baber Johansen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Religion 3000 Section: 40

Direction of Doctoral Dissertations (111117)

Peter Machinist

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Religion 3000 Section: 41

Direction of Doctoral Dissertations (111117)

James Robson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Religion 3000 Section: 42

Direction of Doctoral Dissertations (111117)

Leonard van der Kuijp

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Religion 3000 Section: 43

Direction of Doctoral Dissertations (111117)

Shaye Cohen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Religion 3001 Section: 01

Reading and Research (122822)

Ryuichi Abe

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Religion 3001 Section: 01

Reading and Research (122822)

Ali Asani

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Religion 3001 Section: 02

Reading and Research (122822)

Giovanni Bazzana

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Religion 3001 Section: 02

Reading and Research (122822)

Ali Asani

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Religion 3001 Section: 03

Reading and Research (122822)

Leila Ahmed

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Religion 3001 Section: 03

Reading and Research (122822)

Catherine Brekus

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Religion 3001 Section: 04

Reading and Research (122822)

Davíd L. Carrasco

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Religion 3001 Section: 04

Reading and Research (122822)

Giovanni Bazzana

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Religion 3001 Section: 048

Reading and Research (122822)

Matthew Potts

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Religion 3001 Section: 05

Reading and Research (122822)

Francis Clooney

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Religion 3001 Section: 05

Reading and Research (122822)

Janet Browne

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Religion 3001 Section: 06

Reading and Research (122822)

Shaye Cohen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Religion 3001 Section: 06

Reading and Research (122822)

Davíd L. Carrasco

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Religion 3001 Section: 07

Reading and Research (122822)

Diana Eck

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Religion 3001 Section: 07

Reading and Research (122822)

Francis Clooney

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Religion 3001 Section: 08

Reading and Research (122822)

James Engell

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Religion 3001 Section: 09

Reading and Research (122822)

Francis Fiorenza

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Religion 3001 Section: 09

Reading and Research (122822)

Diana Eck

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Religion 3001 Section: 10

Reading and Research (122822)

Ryuichi Abe

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Religion 3001 Section: 10

Reading and Research (122822)

Francis Fiorenza

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Religion 3001 Section: 11

Reading and Research (122822)

Luis Giron Negron

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Religion 3001 Section: 12

Reading and Research (122822)

Luis Giron Negron

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Religion 3001 Section: 12

Reading and Research (122822)

William A. Graham

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Religion 3001 Section: 13

Reading and Research (122822)

Janet Gyatso

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Religion 3001 Section: 13

Reading and Research (122822)

William A. Graham

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Religion 3001 Section: 14

Reading and Research (122822)

Janet Gyatso

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Religion 3001 Section: 14

Reading and Research (122822)

Helen Hardacre

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Religion 3001 Section: 15

Reading and Research (122822)

David Hempton

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Religion 3001 Section: 15

Reading and Research (122822)

David Hall

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Religion 3001 Section: 16

Reading and Research (122822)

Helen Hardacre

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Religion 3001 Section: 16

Reading and Research (122822)

David Holland

Karen King

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Religion 3001 Section: 17

Reading and Research (122822)

David Hempton

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Religion 3001 Section: 17

Reading and Research (122822)

Amy Hollywood

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Religion 3001 Section: 18

Reading and Research (122822)

Michael Jackson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Religion 3001 Section: 19

Reading and Research (122822)

Mark Jordan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Religion 3001 Section: 19

Reading and Research (122822)

Evelyn Brooks Higginbotham

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Religion 3001 Section: 20

Reading and Research (122822)

Amy Hollywood

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Religion 3001 Section: 20

Reading and Research (122822)

Michelle Sanchez

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Religion 3001 Section: 21

Reading and Research (122822)

David Lamberth

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Religion 3001 Section: 21

Reading and Research (122822)

Baber Johansen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Religion 3001 Section: 22

Reading and Research (122822)

Karen King

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Religion 3001 Section: 22

Reading and Research (122822)

Jon Levenson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Religion 3001 Section: 23

Reading and Research (122822)

Kevin Madigan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Religion 3001 Section: 23

Reading and Research (122822)

Arthur Kleinman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Religion 3001 Section: 24

Reading and Research (122822)

Leila Ahmed

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Religion 3001 Section: 24

Reading and Research (122822)

James Kloppenberg

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Religion 3001 Section: 25

Reading and Research (122822)

David Lamberth

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Religion 3001 Section: 25

Reading and Research (122822)

Ann Braude

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Religion 3001 Section: 26

Reading and Research (122822)

Jon Levenson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Religion 3001 Section: 26

Reading and Research (122822)

Jacob Olupona

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Religion 3001 Section: 27

Reading and Research (122822)

Parimal Patil

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Religion 3001 Section: 27

Reading and Research (122822)

Peter Machinist

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Religion 3001 Section: 28

Reading and Research (122822)

Kimberley Patton

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Religion 3001 Section: 28

Reading and Research (122822)

Kevin Madigan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Religion 3001 Section: 29

Reading and Research (122822)

Michael J. Puett

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Religion 3001 Section: 29

Reading and Research (122822)

Everett Mendelsohn

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Religion 3001 Section: 30

Reading and Research (122822)

Baber Johansen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Religion 3001 Section: 31

Reading and Research (122822)

Roy Mottahedeh

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Religion 3001 Section: 31

Reading and Research (122822)

Mayra Rivera

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Religion 3001 Section: 32

Reading and Research (122822)

James Robson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Religion 3001 Section: 33

Reading and Research (122822)

Jacob Olupona

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Religion 3001 Section: 33

Reading and Research (122822)

Elisabeth Schussler Fiorenza

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Religion 3001 Section: 34

Reading and Research (122822)

Parimal Patil

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Religion 3001 Section: 34

Reading and Research (122822)

Charles Stang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Religion 3001 Section: 35

Reading and Research (122822)

Andrew Teeter

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Religion 3001 Section: 35

Reading and Research (122822)

Kimberley Patton

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Religion 3001 Section: 36

Reading and Research (122822)

Peter Machinist

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Religion 3001 Section: 36

Reading and Research (122822)

Michael J. Puett

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Religion 3001 Section: 37

Reading and Research (122822)

Malika Zeghal

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Religion 3001 Section: 37

Reading and Research (122822)

Elisabeth Schussler Fiorenza

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Religion 3001 Section: 38

Reading and Research (122822)

Dan McKanan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Religion 3001 Section: 39

Reading and Research (122822)

Matthew Potts

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Religion 3001 Section: 39

Reading and Research (122822)

Charles Stang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Religion 3001 Section: 40

Reading and Research (122822)

Mayra Rivera

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Religion 3001 Section: 41

Reading and Research (122822)

Malika Zeghal

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Religion 3001 Section: 41

Reading and Research (122822)

Cornel West

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Religion 3001 Section: 42

Reading and Research (122822)

Leonard van der Kuijp

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Religion 3001 Section: 42

Reading and Research (122822)

Leonard van der Kuijp

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Religion 3001 Section: 43

Reading and Research (122822)

Charles Hallisey

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Religion 3001 Section: 43

Reading and Research (122822)

Mark Jordan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Religion 3001 Section: 44

Reading and Research (122822)

Samuel Moyn

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Religion 3001 Section: 45

Reading and Research (122822)

Noah Feldman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Religion 3001 Section: 46

Reading and Research (122822)

Saul Zaritt

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Religion 3001 Section: 47

Reading and Research (122822)

Michael Jackson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Religion 3001 Section: 48

Reading and Research (122822)

Catherine Brekus

2019 Fall (4 Credits) **Schedule:** TBD

TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Religion 3001 Section: 49

Reading and Research (122822)

Ann Braude

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Religion 3001 Section: 50

Reading and Research (122822)

Cornel West

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Religion 3001 Section: 51

Reading and Research (122822)

Stephen Mitchell

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Religion 3001 Section: 52

Reading and Research (122822)

Michelle Sanchez

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **May also be taken with other instructors, when authorized by the Chair.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Religion 3002

Teaching (114201)

David Holland

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course replaces the former TIME-T – teaching. Graduate students register for this course while serving as TFs to indicate that appropriate Teaching Fellow work is replacing numbered courses.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Religion 3002

Teaching (114201)

David Holland

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course replaces the former TIME-T – teaching. Graduate students register for this course while serving as TFs to indicate that appropriate Teaching Fellow work is replacing numbered courses.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Religion 3421 Section: 01

Seminar for Advanced New Testament and Religions of the Ancient Mediterranean (213513)

Giovanni Bazzana

2019 Fall (2 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This graduate seminar will focus on current discussions within the study of Religions of the Ancient Mediterranean. The main goal is to prepare students to be aware of and to participate in ongoing conversations on current topics in the field, such as, for example, the relationship between formative Judaism and Christianity, the role of race in ancient religions, the transmission of ancient religious books, or the methodological challenge of combining textual and non-textual types of evidence in the study of ancient religions. The participants will be asked to read extensively in scholarly literature published over the last 4 or 5 years, present often to the class, and practice on genres relevant for academic work (such as book reviews, syllabi, annotated bibliographies, and so on). Participation in the seminar is encouraged for those thinking about academic work and for those interested in deepening their familiarity with the fields of New Testament studies and/or Religions of the Ancient Mediterranean. A basic acquaintance with the fields is required. Jointly offered with Harvard Divinity School as HDS 1981.

Course Notes: **None**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Arts and Humanities

Religion 3425A Section: 01

New Testament Seminar for Doctoral Dissertations (125389)

Giovanni Bazzana

2019 Fall (2 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Biweekly presentation of research projects. May be taken on a Sat/Unsat basis only. This is an indivisible course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit. Jointly offered with the Divinity School as HDS 1995A.

Course Notes: **Offered jointly with the Divinity School as 1995A. Meets biweekly.**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Indivisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Religion 3425B

New Testament Seminar for Doctoral Dissertations (203946)

Giovanni Bazzana

2020 Spring (2 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Biweekly presentation of research projects. May be taken on a Sat/Unsat basis only. This is an indivisible course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit. Meets biweekly.

Course Notes: **Offered jointly with the Divinity School as 1995B. Meets biweekly.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Graduate Course
Full Year Course	Indivisible Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Religion 3505A

Colloquium in American Religious History (118565)

David Holland

2019 Fall (2 Credits) **Schedule:** T 0600 PM - 0800 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Presentation and discussion of the research of doctoral candidates in American religious history. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Open, with instructor's permission, to doctoral students in other fields of religious studies or American studies. Course meets bi-weekly. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit. Offered jointly with the Divinity School as 2390A.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
Full Year Course	Indivisible Course
FAS Course Roll	FAS Course Roll

Religion 3505B Section: 01

Colloquium in American Religious History (160420)

David Holland

2020 Spring (2 Credits) **Schedule:** T 0600 PM - 0800 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Presentation and discussion of the research of doctoral candidates in American religious history. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Open, with instructor's permission, to doctoral students in other fields of religious studies or American studies. Course meets bi-weekly. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit. Offered jointly with the Divinity School as 2390B.**

Class Notes: **Course meets bi-weekly.**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Indivisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
Course Search Attributes	Display Only in Course Search
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Romance Languages and Literatures

Subject: French

French 10

Beginning French I: Cross-Cultural Encounters in French (126933)

Nicole Mills

2019 Fall (4 Credits) **Schedule:** MTWR 0900 AM - 1000 AM

Instructor Permissions: Instructor **Enrollment Cap:** 17

This beginning French course addresses the theme of cross-cultural encounters in French through engagement in the discussion and interpretation of texts, art, images, and film. You will gain an introduction to the French language with emphasis on interpersonal communication and the interpretation and production of language in written and oral forms. You will engage in interactive communicative activities, both online and in the classroom, that provide rich exposure to the French language and francophone culture(s).

Course Notes: **French 10 is an elementary French course for students with little or no knowledge of French. French 10 may count toward the language requirement. Open to students who have not previously studied French or who have scored below 300 on the Harvard placement exam. Students who have studied French for two years or more in secondary school must begin at French 11 or higher. May not be taken Pass/Fail. Not open to auditors. Graduate students at GSAS may take the course Sat/Unsat with permission of course head. French 10 is taught by members of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	French

French 10

Beginning French I: Cross-Cultural Encounters in French (126933)

Nicole Mills

2020 Spring (4 Credits) **Schedule:** MTWR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This beginning French course addresses the theme of cross-cultural encounters in French through engagement in the discussion and interpretation of texts, art, images, and film. You will gain an introduction to the French language with emphasis on interpersonal communication and the interpretation and production of language in written and oral forms. You will engage in interactive communicative activities, both online and in the classroom, that provide rich exposure to the French language and francophone culture(s).

Course Notes: **French 10 is an elementary French course for students with little or no knowledge of French. French 10 may count toward the language requirement. Open to students who have not previously studied French or who have scored below 300 on the Harvard placement exam. Students who have studied French for two years or more in secondary school must begin at French 11 or higher. May not be taken Pass/Fail. Not open to auditors. Graduate students at GSAS may take the course Sat/Unsat with permission of course head. French 10 is taught by members of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	French

French 10 Section: 002

Beginning French I: Cross-Cultural Encounters in French (126933)

Nicole Mills

2019 Fall (4 Credits) **Schedule:** MTWR 0900 AM - 1000 AM

Instructor Permissions: Instructor **Enrollment Cap:** 17

This beginning French course addresses the theme of cross-cultural encounters in French through engagement in the discussion and interpretation of texts, art, images, and film. You will gain an introduction to the French language with emphasis on interpersonal communication and the interpretation and production of language in written and oral forms. You will engage in interactive communicative activities, both online and in the classroom, that provide rich exposure to the French language and francophone culture(s).

Course Notes: **French 10 is an elementary French course for students with little or no knowledge of French. French 10 may count toward the language requirement. Open to students who have not previously studied French or who have scored below 300 on the Harvard placement exam. Students who have studied French for two years or more in secondary school must begin at French 11 or higher. May not be taken Pass/Fail. Not open to auditors. Graduate students at GSAS may take the course Sat/Unsat with permission of course head. French 10 is taught by members of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	French
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

French 10 Section: 003

Beginning French I: Cross-Cultural Encounters in French (126933)

Nicole Mills

2019 Fall (4 Credits) **Schedule:** MTWR 1030 AM - 1130 AM

Instructor Permissions: Instructor **Enrollment Cap:** 17

This beginning French course addresses the theme of cross-cultural encounters in French through engagement in the discussion and interpretation of texts, art, images, and film. You will gain an introduction to the French language with emphasis on interpersonal communication and the interpretation and production of language in written and oral forms. You will engage in interactive communicative activities, both online and in the classroom, that provide rich exposure to the French language and francophone culture(s).

Course Notes: **French 10 is an elementary French course for students with little or no knowledge of French. French 10 may count toward the language requirement. Open to students who have not previously studied French or who have scored below 300 on the Harvard placement exam. Students who have studied French for two years or more in secondary school must begin at French 11 or higher. May not be taken Pass/Fail. Not open to auditors. Graduate students at GSAS may take the course Sat/Unsat with permission of course head. French 10 is taught by members of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	French
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

French 10 Section: 004

Beginning French I: Cross-Cultural Encounters in French (126933)

Nicole Mills

2019 Fall (4 Credits) **Schedule:** MTWR 1200 PM - 0100 PM

Instructor Permissions: Instructor **Enrollment Cap:** 17

This beginning French course addresses the theme of cross-cultural encounters in French through engagement in the discussion and interpretation of texts, art, images, and film. You will gain an introduction to the French language with emphasis on interpersonal communication and the interpretation and production of language in written and oral forms. You will engage in interactive communicative activities, both online and in the classroom, that provide rich exposure to the French language and francophone culture(s).

Course Notes: **French 10 is an elementary French course for students with little or no knowledge of French. French 10 may count toward the language requirement. Open to students who have not previously studied French or who have scored below 300 on the Harvard placement exam. Students who have studied French for two years or more in secondary school must begin at French 11 or higher. May not be taken Pass/Fail. Not open to auditors. Graduate students at GSAS may take the course Sat/Unsat with permission of course head. French 10 is taught by members of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	French
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

French 11

Beginning French II: Paris in Virtual Reality (126935)

Nicole Mills

2020 Spring (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

In the second course in the Beginning French sequence, you will engage in a virtual simulation of life in the 11e arrondissement of Paris. Through virtual reality experiences, interactions with native speakers, and the exploration of photos, art, and film, you will gain a more developed understanding of the diversity of Parisian life. You will actively engage in oral and written communication in the past, present, and future and will learn to make suggestions, narrate in the past, express emotions and opinions, extend invitations, and convey hypothetical situations contextualized within themes associated to Parisian life. Topics explored in the class include architecture, art, music, and graffiti in the various Parisian quarters, and current events such as the yellow vest movement.

Course Notes: **French 11 may count towards the language requirement. May not be taken Pass/Fail. Not open to auditors. Graduate students at the GSAS may take the course Sat/Unsat with the permission of course head. This course is taught by members of the Department.**

Recommended Prep: **Completion of French Aa/10, or a score no lower than 301 and no higher than 450 on the SAT II test or the Harvard Placement test.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	French

French 11

Beginning French II: Paris in Virtual Reality (126935)

Nicole Mills

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

In the second course in the Beginning French sequence, you will engage in a virtual simulation of life in the 11e arrondissement of Paris. Through virtual reality experiences, interactions with native speakers, and the exploration of photos, art, and film, you will gain a more developed understanding of the diversity of Parisian life. You will actively engage in oral and written communication in the past, present, and future and will learn to make suggestions, narrate in the past, express emotions and opinions, extend invitations, and

convey hypothetical situations contextualized within themes associated to Parisian life. Topics explored in the class include architecture, art, music, and graffiti in the various Parisian quarters, and current events such as the yellow vest movement.

Course Notes: **French 11 may count towards the language requirement. May not be taken Pass/Fail. Not open to auditors. Graduate students at the GSAS may take the course Sat/Unsat with the permission of course head. This course is taught by members of the Department.**

Recommended Prep: **Completion of French Aa/10, or a score no lower than 301 and no higher than 450 on the SAT II test or the Harvard Placement test.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	French

French 11 Section: 002

Beginning French II: Paris in Virtual Reality (126935)

Nicole Mills

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

In the second course in the Beginning French sequence, you will engage in a virtual simulation of life in the 11e arrondissement of Paris. Through virtual reality experiences, interactions with native speakers, and the exploration of photos, art, and film, you will gain a more developed understanding of the diversity of Parisian life. You will actively engage in oral and written communication in the past, present, and future and will learn to make suggestions, narrate in the past, express emotions and opinions, extend invitations, and convey hypothetical situations contextualized within themes associated to Parisian life. Topics explored in the class include architecture, art, music, and graffiti in the various Parisian quarters, and current events such as the yellow vest movement.

Course Notes: **French 11 may count towards the language requirement. May not be taken Pass/Fail. Not open to auditors. Graduate students at the GSAS may take the course Sat/Unsat with the permission of course head. This course is taught by members of the Department.**

Recommended Prep: **Completion of French Aa/10, or a score no lower than 301 and no higher than 450 on the SAT II test or the Harvard Placement test.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	French
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

French 11 Section: 003

Beginning French II: Paris in Virtual Reality (126935)

Nicole Mills

2020 Spring (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

In the second course in the Beginning French sequence, you will engage in a virtual simulation of life in the 11e arrondissement of Paris. Through virtual reality experiences, interactions with native speakers, and the exploration of photos, art, and film, you will gain a more developed understanding of the diversity of Parisian life. You will actively engage in oral and written communication in the past, present, and future and will learn to make suggestions, narrate in the past, express emotions and opinions, extend invitations, and convey hypothetical situations contextualized within themes associated to Parisian life. Topics explored in the class include architecture, art, music, and graffiti in the various Parisian quarters, and current events such as the yellow vest movement.

Course Notes: **French 11 may count towards the language requirement. May not be taken Pass/Fail. Not open to auditors. Graduate students at the GSAS may take the course Sat/Unsat with the permission of course head. This course is taught by members of the Department.**

Recommended Prep: **Completion of French Aa/10, or a score no lower than 301 and no higher than 450 on the SAT II test or the Harvard Placement test.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	French

French 15

Intensive Beginning French: Parisian Culture & Life (124332)

Nicole Mills

2020 Spring (8 Credits) **Schedule:** MTWRF 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This intensive Beginning French course provides an accelerated introduction to Beginning French with intensive work on interpersonal communication and interpreting and producing language in written and oral forms. Students explore diverse facets of Parisian life through the interpretation and exploration of photos, art, and film and through interactions with native French speakers. Students learn to speak and write in the past, present, and future, make descriptions, ask questions, make comparisons, accept and refuse invitations, give advice, and express hypothetical situations, emotions, and opinions.

Course Notes: **May not be taken Pass/Fail or Sat/Unsat. Not open to auditors. Students must participate in an interview with the French 15 course head and receive permission to enroll in the course.**

This course is taught by members of the Department.

Recommended Prep: **An advanced knowledge of at least one foreign language, preferably a**

modern Romance language, but no previous study of French.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	French

French 15

Intensive Beginning French: Parisian Identity through Visual Media (124332)

Nicole Mills

2019 Fall (8 Credits) **Schedule:** MTWRF 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This intensive Beginning French course provides an accelerated introduction to Beginning French with intensive work on interpersonal communication and interpreting and producing language in written and oral forms. Students explore diverse facets of Parisian identity through the interpretation of various forms of visual media. Students learn to speak and write in the past, present, and future, make descriptions, ask questions, make comparisons, accept and refuse invitations, give advice, and express hypothetical situations, emotions, and opinions.

Course Notes: **May not be used to fulfill the language requirement and may not be taken Pass/Fail or Sat/Unsat. Not open to auditors. Students must participate in an interview with the French 15 course head and receive permission to enroll in the course.**

This course is taught by members of the Department.

Recommended Prep: **An advanced knowledge of at least one foreign language, preferably a modern Romance language, but no previous study of French.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

French 16

Reading, Understanding and Translating Written French for Research (111933)

Nicole Mills

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

French 16 offers an introduction to reading and translating academic French texts for students who require a basic knowledge of French for research purposes. The course presents vocabulary and the principal structures of French grammar in a systematic and coherent order. The course begins with simple texts and advertisements, then moves to academic texts with more complex structures, and ends with the translation

and analysis of literary works and philosophical texts. The assignments are discipline-specific to accommodate students' research needs.

Course Notes: **Conducted in English. Not open to students with a score of 500 or above on the Harvard Placement Test or the SAT II French test, to those with more than one year of undergraduate French, or to auditors. May not be used to fulfill the language requirement and may not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. This course is taught by members of the Department.**

Recommended Prep: **Some previous study of a Romance language helpful but not necessary. Fluency in English required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

French 20

Intermediate French: Francophone Cultures in Cambridge and Beyond (126938)

Karen Turman

2019 Fall (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

In this intermediate-level language course, you will review your knowledge of various grammatical structures by exploring cultural topics such as music, dance, and cuisine in French-speaking communities in Cambridge and abroad. Themes such as family life in West Africa, immigration in Haiti, and cuisine in Morocco will be broached through communicative activities to further develop proficiency in reading, listening, speaking, and writing. You will discover francophone cultures through conversations with online language partners abroad and French-speaking community members in Cambridge. Course assignments include creative writing compositions, presentations, video projects, online conversations, and off-campus cultural excursions.

Course Notes: **Conducted in French. May count toward the language requirement. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors.**

This course is taught by members of the Department.

Class Notes: **This course requires an average of four contact hours per week. To supplement the scheduled 3.75 hours, a 30-minute online component will be arranged every other week. To this end, students will be required to purchase an access code for the online conversation program, Talk Abroad ($40-50).**

Recommended Prep: **A score no lower than 451 and no higher than 600 on the SAT II test or the Harvard Placement Test; 3 years of French in high school; French 11 or 15; or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	French
HCOL: Foreign Lang Citation	French
FAS: Course Level	Primarily for Undergraduate Students

French 20 Section: 002

Intermediate French: Francophone Cultures in Cambridge and Beyond (126938)

Karen Turman

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

In this intermediate-level language course, you will review your knowledge of various grammatical structures by exploring cultural topics such as music, dance, and cuisine in French-speaking communities in Cambridge and abroad. Themes such as family life in West Africa, immigration in Haiti, and cuisine in Morocco will be broached through communicative activities to further develop proficiency in reading, listening, speaking, and writing. You will discover francophone cultures through conversations with online language partners abroad and French-speaking community members in Cambridge. Course assignments include creative writing compositions, presentations, video projects, online conversations, and off-campus cultural excursions.

Course Notes: **Conducted in French. May count toward the language requirement. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors.**

This course is taught by members of the Department.

Class Notes: **This course requires an average of four contact hours per week. To supplement the scheduled 3.75 hours, a 30-minute online component will be arranged every other week. To this end, students will be required to purchase an access code for the online conversation program, Talk Abroad ($40-50).**

Recommended Prep: **A score no lower than 451 and no higher than 600 on the SAT II test or the Harvard Placement Test; 3 years of French in high school; French 11 or 15; or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	French
FAS: Meets Foreign Lang Req	French

French 20 Section: 002

Intermediate French: Francophone Cultures in Cambridge and Beyond (126938)

Karen Turman

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

In this intermediate-level language course, you will review your knowledge of various grammatical structures by exploring cultural topics such as music, dance, and cuisine in French-speaking communities in Cambridge and abroad. Themes such as family life in West Africa, immigration in Haiti, and cuisine in Morocco will be broached through communicative activities to further develop proficiency in reading, listening, speaking, and writing. You will discover francophone cultures through conversations with online language partners abroad and French-speaking community members in Cambridge. Course assignments include creative writing compositions, presentations, video projects, online conversations, and off-campus cultural excursions.

Course Notes: **Conducted in French. May count toward the language requirement. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors.**

This course is taught by members of the Department.

Class Notes: **This course requires an average of four contact hours per week. To supplement the scheduled 3.75 hours, a 30-minute online component will be arranged every other week. To this end, students will be required to purchase an access code for the online conversation program, Talk Abroad ($40-50).**

Recommended Prep: **A score no lower than 451 and no higher than 600 on the SAT II test or the Harvard Placement Test; 3 years of French in high school; French 11 or 15; or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
HCOL: Foreign Lang Citation	French
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	French

French 20 Section: 003

Intermediate French: Francophone Cultures in Cambridge and Beyond (126938)

Karen Turman

2019 Fall (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

In this intermediate-level language course, you will review your knowledge of various grammatical structures by exploring cultural topics such as music, dance, and cuisine in French-speaking communities in Cambridge and abroad. Themes such as family life in West Africa, immigration in Haiti, and cuisine in Morocco will be broached through communicative activities to further develop proficiency in reading, listening, speaking, and writing. You will discover francophone cultures through conversations with online language partners abroad and French-speaking community members in Cambridge. Course assignments include creative writing compositions, presentations, video projects, online conversations, and off-campus

cultural excursions.

Course Notes: **Conducted in French. May count toward the language requirement. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors.**

This course is taught by members of the Department.

Class Notes: **This course requires an average of four contact hours per week. To supplement the scheduled 3.75 hours, a 30-minute online component will be arranged every other week. To this end, students will be required to purchase an access code for the online conversation program, Talk Abroad ($40-50).**

Recommended Prep: **A score no lower than 451 and no higher than 600 on the SAT II test or the Harvard Placement Test; 3 years of French in high school; French 11 or 15; or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	French
FAS: Meets Foreign Lang Req	French

French 20 Section: 003

Intermediate French: Francophone Cultures in Cambridge and Beyond (126938)

Karen Turman

2020 Spring (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

In this intermediate-level language course, you will review your knowledge of various grammatical structures by exploring cultural topics such as music, dance, and cuisine in French-speaking communities in Cambridge and abroad. Themes such as family life in West Africa, immigration in Haiti, and cuisine in Morocco will be broached through communicative activities to further develop proficiency in reading, listening, speaking, and writing. You will discover francophone cultures through conversations with online language partners abroad and French-speaking community members in Cambridge. Course assignments include creative writing compositions, presentations, video projects, online conversations, and off-campus cultural excursions.

Course Notes: **Conducted in French. May count toward the language requirement. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors.**

This course is taught by members of the Department.

Recommended Prep: **A score no lower than 451 and no higher than 600 on the SAT II test or the Harvard Placement Test; 3 years of French in high school; French 11 or 15; or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	French
HCOL: Foreign Lang Citation	French
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

French 30

Upper level French : Current Events and Media in the Francophone World (126942)

Ericka Knudson

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

conversations with native speakers abroad. Course assignments include a collectively developed newspaper and a news broadcast or TV cultural program.

Course Notes: **Conducted in French. May not be audited or taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. See details on the French 30 Canvas site.**

This course is taught by members of the Department.

Class Notes: **This course requires an average of four contact hours per week. To supplement the scheduled 2.5 hours, a 15-minute online component will be arranged periodically throughout the semester. To this end, students will be required to purchase an access code for the online conversation program, Boomalang ($30).**

Recommended Prep: **A score no lower than 601 and no higher than 680 on the SAT II test or the Harvard Placement test; French 20; or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	French
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	French

French 30

Upper level French : Current Events and Media in the Francophone World (126942)

Ericka Knudson

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

conversations with native speakers abroad. Course assignments include a collectively developed newspaper and a news broadcast or TV cultural program.

Course Notes: **Conducted in French. May not be audited or taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. See details on the French 30 Canvas site.**

This course is taught by members of the Department.

Class Notes: **This course requires an average of four contact hours per week. To supplement the scheduled 2.5 hours, a 15-minute online component will be arranged periodically throughout the semester. To this end, students will be required to purchase an access code for the online conversation program, Boomalang ($30).**

Recommended Prep: **A score no lower than 601 and no higher than 680 on the SAT II test or the Harvard Placement test; French 20; or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	French
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	French
FAS: Course Level	Primarily for Undergraduate Students

French 30 Section: 002

Upper level French : Current Events and Media in the Francophone World (126942)

Ericka Knudson

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

conversations with native speakers abroad. Course assignments include a collectively developed newspaper and a news broadcast or TV cultural program.

Course Notes: **Conducted in French. May not be audited or taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. See details on the French 30 Canvas site.**

This course is taught by members of the Department.

Class Notes: **This course requires an average of four contact hours per week. To supplement the scheduled 2.5 hours, a 15-minute online component will be arranged periodically throughout the semester. To this end, students will be required to purchase an access code for the online conversation program, Boomalang ($30).**

Recommended Prep: **A score no lower than 601 and no higher than 680 on the SAT II test or the Harvard Placement test; French 20; or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	French
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

HCOL: Foreign Lang Citation	French
FAS: Course Level	Primarily for Undergraduate Students

French 30 Section: 002

Upper level French : Current Events and Media in the Francophone World (126942)

Ericka Knudson

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

conversations with native speakers abroad. Course assignments include a collectively developed newspaper and a news broadcast or TV cultural program.

Course Notes: **Conducted in French. May not be audited or taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. See details on the French 30 Canvas site.**

This course is taught by members of the Department.

Class Notes: **This course requires an average of four contact hours per week. To supplement the scheduled 2.5 hours, a 15-minute online component will be arranged periodically throughout the semester. To this end, students will be required to purchase an access code for the online conversation program, Boomalang ($30).**

Recommended Prep: **A score no lower than 601 and no higher than 680 on the SAT II test or the Harvard Placement test; French 20; or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	French
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	French

French 30 Section: 003

Upper level French : Current Events and Media in the Francophone World (126942)

Ericka Knudson

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

conversations with native speakers abroad. Course assignments include a collectively developed newspaper and a news broadcast or TV cultural program.

Course Notes: **Conducted in French. May not be audited or taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. See details on the French 30 Canvas site.**

This course is taught by members of the Department.

Recommended Prep: **A score no lower than 601 and no higher than 680 on the SAT II test or the Harvard Placement test; French 20; or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	French
FAS: Meets Foreign Lang Req	French
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

French 40

Advanced French I: The Contemporary Francophone World Through Cinema (126997)

Ericka Knudson

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

In this advanced French language and culture course, you will explore francophone culture(s) through contemporary films. The course is designed to strengthen language proficiency, explore different registers of language, and further refine your grammatical understanding while offering an introduction to film analysis. You will explore themes such as regional differences, Paris and the banlieue, immigration, post-colonialism, cinematic self-portraits, and gender through readings such as film reviews, interviews with directors, and script excerpts. Creative assignments include interactive writing assignments, short compositions, scripts, and a short film. No previous familiarity with film study is necessary.

Course Notes: **Conducted in French. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.**

Recommended Prep: **French 30, 681-720 on the SAT II test or the Harvard Placement test; or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	French
HCOL: Foreign Lang Citation	French
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

French 40

Advanced French I: The Contemporary Francophone World Through Cinema (126997)

Ericka Knudson

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

In this advanced French language and culture course, you will explore francophone culture(s) through contemporary films. The course is designed to strengthen language proficiency, explore different registers

of language, and further refine your grammatical understanding while offering an introduction to film analysis. You will explore themes such as regional differences, Paris and the banlieue, immigration, post-colonialism, cinematic self-portraits, and gender through readings such as film reviews, interviews with directors, and script excerpts. Creative assignments include interactive writing assignments, short compositions, scripts, and a short film. No previous familiarity with film study is necessary.

Course Notes: **Conducted in French. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.**

Recommended Prep: **French 30, 681-720 on the SAT II test or the Harvard Placement test; or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	French
HCOL: Foreign Lang Citation	French
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

French 40 Section: 002

Advanced French I: The Contemporary Francophone World Through Cinema (126997)

Ericka Knudson

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

In this advanced French language and culture course, you will explore francophone culture(s) through contemporary films. The course is designed to strengthen language proficiency, explore different registers of language, and further refine your grammatical understanding while offering an introduction to film analysis. You will explore themes such as regional differences, Paris and the banlieue, immigration, post-colonialism, cinematic self-portraits, and gender through readings such as film reviews, interviews with directors, and script excerpts. Creative assignments include interactive writing assignments, short compositions, scripts, and a short film. No previous familiarity with film study is necessary.

Course Notes: **Conducted in French. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.**

Recommended Prep: **French 30, 681-720 on the SAT II test or the Harvard Placement test; or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	French
HCOL: Foreign Lang Citation	French
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

French 40 Section: 002

Advanced French I: The Contemporary Francophone World Through Cinema (126997)

Ericka Knudson

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

In this advanced French language and culture course, you will explore francophone culture(s) through contemporary films. The course is designed to strengthen language proficiency, explore different registers of language, and further refine your grammatical understanding while offering an introduction to film analysis. You will explore themes such as regional differences, Paris and the banlieue, immigration, post-colonialism, cinematic self-portraits, and gender through readings such as film reviews, interviews with directors, and script excerpts. Creative assignments include interactive writing assignments, short compositions, scripts, and a short film. No previous familiarity with film study is necessary.

Course Notes: **Conducted in French. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.**

Recommended Prep: **French 30, 681-720 on the SAT II test or the Harvard Placement test; or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	French
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	French
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

French 50

Advanced French II: Écrivons droit(s)/ Writing Right(s): Justice, Equity, Rights, and Writing (126998)

Karen Turman

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Through the lens of social justice issues in France and the Francophone world, this class will focus on writing as a means of civic engagement. You will interrogate topics such as colonialism, islamophobia, immigration, and sexism by studying a range of creative, analytical, and polemical texts, images, and film. This course builds on the communicative competence acquired in French 40, with a particular emphasis on developing your writing proficiency. In addition to creative and analytical writing projects such as description, portrait, film review, and polemical essays, you will also engage with the local Francophone community through an intercultural exchange off-campus.

Course Notes: **Conducted in French. Students may take no more than two courses numbered in the 50s. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors.**

Class Notes: **This course requires an average of four contact hours per week. To supplement the scheduled 2.5 hours, a supplementary online component will be arranged each week. To this end, students will be**

required to purchase an access code for the online conversation program, Talk Abroad ($40-50).

Recommended Prep: **French 40; a score of 721-750 on the SAT II test or the Harvard Placement test; or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	French
FAS: Meets Foreign Lang Req	French
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students

French 50

Advanced French II: Ecrivons droit(s)/Writing Right(s): Justice, Equity, Rights, and Writing (126998)

Karen Turman

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course builds on the interpersonal, interpretive, and communicative skills acquired in French 40, with a particular emphasis on developing students' writing proficiency. Students will study a range of creative, analytic, and polemical texts, images, and film that explore themes of justice, equity, and human rights in the Francophone world. Using these texts, students will study and reproduce various genres of written and spoken French (description, portrait, polemic essay, etc.)

Course Notes: **Conducted in French. Students may take no more than two courses numbered in the 50s. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors.**

Class Notes: **This course requires an average of four contact hours per week. To supplement the scheduled 2.5 hours, a supplementary online component will be arranged each week. To this end, students will be required to purchase an access code for the online conversation program, Talk Abroad ($40-50).**

Recommended Prep: **French 40; a score of 721-750 on the SAT II test or the Harvard Placement test; or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	French
HCOL: Foreign Lang Citation	French
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

French 50 Section: 002

Advanced French II: Ecrivons droit(s)/Writing Right(s): Justice, Equity, Rights, and Writing (126998)

Karen Turman

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course builds on the interpersonal, interpretive, and communicative skills acquired in French 40, with a particular emphasis on developing students' writing proficiency. Students will study a range of creative, analytic, and polemical texts, images, and film that explore themes of justice, equity, and human rights in the Francophone world. Using these texts, students will study and reproduce various genres of written and spoken French (description, portrait, polemic essay, etc.)

Course Notes: **Conducted in French. Students may take no more than two courses numbered in the 50s. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors.**

Class Notes: **This course requires an average of four contact hours per week. To supplement the scheduled 2.5 hours, a supplementary online component will be arranged each week. To this end, students will be required to purchase an access code for the online conversation program, Talk Abroad ($40-50).**

Recommended Prep: **French 40; a score of 721-750 on the SAT II test or the Harvard Placement test; or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	French
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	French

French 61C

The New Wave: Reinventing French Cinema (109320)

Ericka Knudson

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This advanced language and culture course explores a unique perspective on French society and culture through New Wave films from the late 1950s and 1960s. Following weekly film screenings, you will engage in interactive discussions and debates on topics associated with gender, aesthetics, and literary influences. You will interpret and analyze different registers of language in film scripts and literary texts and further develop your writing proficiency for academic contexts through written film analysis (begun in French 40) and theoretical papers designed to prepare you for 70-100 level courses. For the final project, you will write a film script and develop it into a short film that will be showcased in a class film screening.

Course Notes: **Conducted in French. Not open to auditors. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Students may take no more than two courses at the 60-level.**

Recommended Prep: **French 50 or another French course at the 50-level; 751-780 on the SAT II or the Harvard placement test; or permission of the course head.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	French
HCOL: Foreign Lang Citation	French

French 61C Section: 002

The New Wave: Reinventing French Cinema (109320)

Ericka Knudson

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This advanced language and culture course explores a unique perspective on French society and culture through New Wave films from the late 1950s and 1960s. Following weekly film screenings, you will engage in interactive discussions and debates on topics associated with gender, aesthetics, and literary influences. You will interpret and analyze different registers of language in film scripts and literary texts and further develop your writing proficiency for academic contexts through written film analysis (begun in French 40) and theoretical papers designed to prepare you for 70-100 level courses. For the final project, you will write a film script and develop it into a short film that will be showcased in a class film screening.

Course Notes: **Conducted in French. Not open to auditors. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Students may take no more than two courses at the 60-level.**

Recommended Prep: **French 50 or another French course at the 50-level; 751-780 on the SAT II or the Harvard placement test; or permission of the course head.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
HCOL: Foreign Lang Citation	French
FAS: Meets Foreign Lang Req	French
FAS Divisional Distribution	Arts and Humanities

French 61M

Modern Stories about Paris (116673)

Ericka Knudson

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This advanced language and culture course examines modern narratives, in a mosaic of perspectives, set in and around Paris. Through the interpretation and analysis of texts, films, songs, and interviews, as well as interactive discussions with guest speakers from Paris, you will discover diverse stories about the Parisian experience. By reading and listening to these stories, you will gain insight into various forms of narration and refine your knowledge of written and spoken French grammar and vocabulary. The course

will focus on typical gaps found in advanced learners' linguistic repertoires, such as contemporary slang, and refine your ability to distinguish different registers of language. Course assignments include creative writing compositions and a final project that will solidify your ability to imagine, summarize, interpret, critique, and substantiate arguments about the Parisian experience.

Course Notes: **Conducted in French. Not open to auditors. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Students may take no more than two courses at the 60 level.**

Recommended Prep: **French 50 or another French course at the 50 level; 751-780 on the SAT II or the Harvard placement test; or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
HCOL: Foreign Lang Citation	French
FAS: Meets Foreign Lang Req	French
All: Cross Reg Availability	Available for Harvard Cross Registration

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French 61M Section: 002

Modern Stories about Paris (116673)

Ericka Knudson

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This advanced language and culture course examines modern narratives, in a mosaic of perspectives, set in and around Paris. Through the interpretation and analysis of texts, films, songs, and interviews, as well as interactive discussions with guest speakers from Paris, you will discover diverse stories about the Parisian experience. By reading and listening to these stories, you will gain insight into various forms of narration and refine your knowledge of written and spoken French grammar and vocabulary. The course will focus on typical gaps found in advanced learners' linguistic repertoires, such as contemporary slang, and refine your ability to distinguish different registers of language. Course assignments include creative writing compositions and a final project that will solidify your ability to imagine, summarize, interpret, critique, and substantiate arguments about the Parisian experience.

Course Notes: **Conducted in French. Not open to auditors. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Students may take no more than two courses at the 60 level.**

Recommended Prep: **French 50 or another French course at the 50 level; 751-780 on the SAT II or the Harvard placement test; or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	French
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	French

French 61N

Exploring French Language and Culture Through Industry: Fashion, Cabarets, and les Grands Magasins (148202)

Karen Turman

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

***NEW CONTENT* In this advanced French language and culture course, you will refine your communicative competence by navigating the cultural landscape of French industry. Through the analysis of articles, images, literary texts and discussions with classmates and invited guest speakers, you will explore topics such as the invention of the department store in Paris and the commercialization of art and entertainment in Montmartre during the Industrial Revolution. Course assignments include weekly essays, in-class debates, exams, an oral presentation, and a final project.**

Course Notes: **Conducted in French. May not be audited or taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. See details and section on-line on the French 61N website.**

Recommended Prep: **A score of 721-750 on the SAT II test or the Harvard Placement test; French 40 or 50; or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	French
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	French

French 70B

Experiments in Justice, Gender, and Genre: Introduction to 19th - 21st Century French Literature (119121)

Kathy Richman

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Gender identity and expectations; prison reform and the death penalty; personal accountability and protest; new media and modes of expression. Writers in the 19th and 20th centuries grappled with these questions as we do today. How do their sometimes revolutionary, sometimes surprisingly familiar approaches overlap with movements like Romanticism, Realism, Existentialism, and other new forms of fiction? We will explore short works by Sand, Hugo, Balzac, and Zola; poetry by Baudelaire; drama by Camus; a novel by Colette; a graphic novel by Fres; and films by Berri and Tavernier.

Course Notes: **Conducted in French.**

Recommended Prep: **A 50- or 60-level course in French; a score above 780 on the SAT II test or the Harvard Placement test, equivalent preparation, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	French
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	French
FAS Divisional Distribution	Arts and Humanities

French 70C

Introduction to French Literature III: The Francophone World (118532)

Francoise Lionnet

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Survey of Francophone literature, cinema, and art from Africa, the Caribbean, the Indian Ocean, and Vietnam.

Course Notes: **Conducted in French.**

Recommended Prep: **A 50- or 60-level course in French; a score above 780 on the SAT II test or the Harvard Placement test, equivalent preparation, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	French
FAS: Meets Foreign Lang Req	French
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Core Curriculum (old)	Literature and Arts A

French 80

French Theater across Time: An Introduction to Performance (109826)

Sylvaine Guyot

2019 Fall (4 Credits) **Schedule:** T 1030 AM - 1145 AM
R 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Aims to help students, including those who are genuine novices in acting, to understand and experience theater as a form of physical expression that evolve as aesthetic and ideological contexts change across time. Readings include the most famous French playwrights of both the early modern age (Molière, Corneille, Racine) and the later 20th / early 21st centuries. We explore how theater is used to interrogate questions such as sexual taboos, social injustices, or political engagement. Special emphasis paid to the power of performance through practical workshops and videos of recent productions. The final project consists of an excerpt to be performed in French.

Course Notes: **Conducted in French. May not be taken for credit by students who have previously taken French 71a or FRSEMR 30r.**

Recommended Prep: **A 60- or 70-level course in French; a score above 780 on the SAT II test or the Harvard Placement test, equivalent preparation, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	French
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	French
FAS: Course Level	Primarily for Undergraduate Students

French 85

"It's the end of the world as we know it, and I feel…": Apocalyptic and Dystopian French Fiction (213685)

Annabel Kim

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

The French novelist Stendhal once described the novel as "un miroir qu'on promène le long d'un chemin," a mirror we carry along the road. This course examines apocalyptic and dystopian French novels in order to explore what sort of reflection of reality such narratives of catastrophe, corruption, destruction, and dysfunction reveal to us. What are the political and literary stakes of writing the end of the world as we know it? What does it mean to be human at a moment in history where we are constantly poised at the edge of the end of humanity? What can and does literature do for us? Readings include Darrieussecq, Despentes, Garréta, Volodine.

Course Notes: **Conducted in French.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

French 91R

Supervised Reading and Research (113533)

Kathy Richman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Tutorial supervision of research on subjects not treated in regular courses.

Course Notes: **Limited to juniors and seniors. Students wishing to enroll must petition the Undergraduate Adviser in French for approval, stating the proposed project, and must have the consent of the proposed instructor. Ordinarily, students are required to have taken some coursework in the area as background for their project. May not be taken more than twice, and only once for concentration credit.**

This course is taught by members of the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	French

French 91R

Supervised Reading and Research (113533)

Kathy Richman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Tutorial supervision of research on subjects not treated in regular courses.

Course Notes: **Limited to juniors and seniors. Students wishing to enroll must petition the Undergraduate Adviser in French for approval, stating the proposed project, and must have the consent of the proposed instructor. Ordinarily, students are required to have taken some coursework in the area as background for their project. May not be taken more than twice, and only once for concentration credit.**

This course is taught by members of the Department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	French

French 99A

Tutorial - Senior Year (111988)

Kathy Richman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Weekly individual instruction for students writing a senior thesis. Part one of a two part series.

Course Notes: **For honors seniors writing a thesis. Successful completion of two terms of French 99 is required of all thesis-track honors concentrators. Students who do not complete a thesis are required to submit a substantial paper in order to receive either half course or full course credit.**

This course is taught by members of the Department.

Recommended Prep: **Satisfactory completion of a junior tutorial and prior faculty approval of proposed thesis topic.**

Requirements: **Prerequisite: French 98 OR Italian 98 OR Portuguese 98 OR Spanish 98 OR Romance Studies 98 OR Latin American Studies 98**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	French
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Divisible Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Arts and Humanities

French 99B

Tutorial - Senior Year (159923)

Kathy Richman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Weekly individual instruction for students writing a senior thesis. Part two of a two part series.

Recommended Prep: **Satisfactory completion of a junior tutorial and prior faculty approval of proposed thesis topic.**

Requirements: **Prerequisite: French 98 OR Italian 98 OR Portuguese 98 OR Spanish 98 OR Romance Studies 98 OR Latin American Studies 98**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Arts and Humanities
Full Year Course	Divisible Course
FAS: Course Level	Primarily for Undergraduate Students

French 110

Marcel Proust and his times (213367)

Virginie Greene

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will introduce newcomers to Proust's *In Search of Lost Times*, and enrich veteran readers' understanding with context and perspectives. Special consideration will be dedicated to the visual aspects of Proust's writing and his interest in the visual arts, taking advantage of the collections of the Fogg Museum, the Museum of Fine Arts and the Isabella Stewart Gardner Museum.

Course Notes: **Taught in English. Texts available in French and in translation. Possibility of a section in French if number of interested students allow.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

French 127

Talking About Food (109753)

Janet Beizer

2019 Fall (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

In the 19th century food became an object of aesthetic discourse, a focus of gustatory enjoyment and verbal pleasure. Readings include 19th-century food writers and novelists, and contemporary historians, commentators, and theorists.

Course Notes: **Excellent reading knowledge of French required; class discussions in English or French, to be decided.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

French 128

Growing Pains: Le roman d'apprentissage, l'apprentissage du roman (203381)

Annabel Kim

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Explores the modern roman d'apprentissage in order to see how these novels about growing up show how the novel itself grows up as writers confront the political, social, and intellectual volatility and instabilities of a twentieth-century world. Readings include Colette, Céline, Duras, Queneau, Sarraute, Wittig.

Course Notes: **Conducted in French.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

French 135

Under the Table/Sous la Table (213686)

Janet Beizer

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An exploration of the underbelly of the flourishing of the culinary arts in France, from pre-revolution to today, with a focus on the 19th century. Pairings of novels, newspaper articles, etc celebrating gastronomy with others exposing how such a flourishing was facilitated. Weekly units might be : sugar ; rum ; spices ; working class ; slaves (etc)

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

French 136

A La Francaise: French Feminisms Today (108716)

Alice Jardine

2020 Spring (4 Credits) **Schedule:** M 1200 PM - 0200 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Close readings of postwar French fiction and theory with emphasis on what is called "the feminine" in key psychoanalytic, philosophical, and literary writings of the French poststructuralist tradition. In particular, we will focus on fifty years of dialogue between postwar theory in France and feminist practice in the United States. Writers considered include Cixous, Duras, Irigaray, Kristeva, and Wittig as well as Deleuze, Derrida, and Lacan.

Course Notes: **This course occurs entirely in French.**

Recommended Prep: **Excellent reading knowledge of French.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	French
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	French

French 144

Humanimals in Medieval French Literature (203310)

Virginie Greene

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Animals are everywhere in medieval literature. We find horses and dogs in epic and courtly romances, birds in love poetry, pigs, cows, sheeps and chickens in fabliaux, lions and eagles in fables, Renard the fox in his own romance, unicorns, phenix and yales (yes, yales…) in bestiaries, and the human animal in all the above mentioned. Using texts by Aristotle and medieval theologians and philosophers, we will examine the unstable distinction between human and animal, their frequent fusion and confusion, their relationship, and

their coexistence.

Course Notes: **The course will be taught in modern French or English depending on linguistic aptitudes of those enrolled. The texts will be made available in Old or Middle French with a modern French translation. No knowledge of the Middle Ages is necessary to take this course, but reading knowledge of modern French is necessary.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

French 153

The Novel after the New Novel (203385)

Annabel Kim

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A survey of the contemporary French novel, defined loosely as the novel after the New Novel, viewed by some as the last avant-garde literary movement in France. We will begin with the New Novel and move chronologically through to the present, reading authors from a period—the contemporary—whose canon is in the process of being formed. Readings will include Carrère, Chevillard, Darrieussecq, Echenoz, Ernaux, Pireyre, Volodine.

Course Notes: **Conducted in French.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

French 174

Mediterranean Crossings: Exiles, Migrants and Refugees (156589)

Verena Conley

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The Mediterranean has long been the locus of a turbulent history and of vast population movements. This course will focus specifically on the period since the middle of the twentieth century, that is, since decolonization in North Africa and the Middle East. Civil wars, political strife and economic hardship push many into voluntary, forced or even metaphoric exile, lead to massive migrations and produce refugees in record numbers. This course will study some of these movements with a triple focus on exiles, migrants and refugees, as seen through literary works and film. We will ask what artistic practices contribute and how they mediate these contexts.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

French 180

"The Words to Say It": Women Writing in French from Colette to Satrapi (126038)

Alice Jardine

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0200 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Motherhood, romantic love, independence, sexuality, citizenship, fantasy, death: these are just some of the themes explored in women's novels, written in French, in the twentieth century. We will read eight novels together, exploring how they have finally become classics, even given what they say about life and what it means for women to write about it.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

French 192

Spectacular France: Topics in Music from 1600-1800 (215683)

Sylvaine Guyot

Kate van Orden

2020 Spring (4 Credits) **Schedule:** T 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Spectacular France. French musical theater in the 17th & 18th centuries. This course considers French spectacle in all dimensions with special emphasis on absolutism and the politics of performance. Genres include machine tragedy, comédie-ballet, horse ballet, carrousels, and opera; collaborators include Jean Racine, Jean-Baptiste Lully, Molière, Jean-Philippe Rameau, and Georg Friedrich Handel. Guest performers will discuss historical staging and French operas performed in colonial Haiti. Readings are in English.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

French 216

The Romance of the Rose (109833)

Virginie Greene

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0200 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Merging courtly love with Aristotelian quest for knowledge, the *Roman de la Rose* is one of the most influential medieval texts. We will read the Rose in company of related classical and medieval texts, such as Boethius' *Consolation of Philosophy,* troubadours poetry or the exchange of letters between Christine de Pizan and literati of her time about the Rose. We will also take into consideration manuscript illustration. .

Course Notes: **Conducted in French or English, to be determined by class composition. Readings in French**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

French 226

How to Read Theater: History of Drama/Theories of Representation (127870)

Sylvaine Guyot

2019 Fall (4 Credits) **Schedule:** R 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Examines French drama from the early-modern stage to post-dramatic theater from literary, theoretical, historical, and visual culture perspectives. We read dramatic texts (16th-21st century), theories of performance, visual sources, treatises on acting.

Course Notes: **Conducted in French.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
HCOL: Foreign Lang Citation	French
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

French 250

Urban Cannibals: Les Mystères de Paris (205163)

Janet Beizer

2020 Spring (4 Credits) **Schedule:** T 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Les Mystères de Paris, Eugène Sue's serialized novel of 1842-43, was one of the earliest French novels to focus on the working classes, and became an instant cross-cultural and international hit. It has not ceased to generate debate: around its project (simple potboiler or serious social reform?), its narrative aesthetics (crazy criss-crossed plotlines or proto-modernist collage?) and its ambiguous discursive strategies (populist and elitist, reformist and nationalist, abolitionist and racist, progressive and eugenic). We'll explore both the internal microcosm of the novel and the radiating external worlds it pulls into its pages

from France in the world, circa 1840. Each student will choose a research project spinning out from the novel (prisons, markets, hunger, cannibalism, social services, journalism, poverty, criminality, crowds, slavery, reform, revolution, class conflict, imperialism, charity, urban/pastoral, etc.)

Selected readings from Saint-Simon, Fourier, Le Bon, Nordau, Charcot, Lombroso, Marx, and Sue's own maritime tales, from the nineteenth century, and the more recent work of Louis Chevalier, Dominic Kalifa, Kaja Silverman, Alex Woloch, and others.

Class Notes: **Class will be taught in English; most readings in French.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

French 262

Transnationalism and the Francophone World: Race, Gender, Sexuality (161257)

Francoise Lionnet

2020 Spring (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This graduate course links different regions of the Francophone world and provides an introduction to the major debates about gender issues in postcolonial Francophone studies. We focus on the aesthetics and politics of writers who challenge the notion of a stable identity, be it national, racial or sexual. The course draws on the historico-cultural issues pertinent to each region (Africa, the Atlantic, Pacific, and Indian Ocean). Writers include Mariama Bâ (Senegal), Maryse Condé (Guadeloupe/France/USA), Ananda Devi (Mauritius and France), Fatou Diome (Senegal and France), Assia Djebar (Algeria/France/USA), Marie Chauvet (Haiti), Shenaz Patel (Mauritius), and Linda Lê (Vietnam and France).

Recommended Prep: **Advanced reading knowledge of French required.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	French
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

French 320

French Literature: Supervised Reading and Research (111005)

Janet Beizer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS: Course Level	Graduate Course

French 320

French Literature: Supervised Reading and Research (111005)

Janet Beizer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

French 320 Section: 002

French Literature: Supervised Reading and Research (111005)

Tom Conley

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

French 320 Section: 002

French Literature: Supervised Reading and Research (111005)

Tom Conley

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

FAS Divisional Distribution	None

French 320 Section: 003

French Literature: Supervised Reading and Research (111005)

Verena Conley

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

French 320 Section: 003

French Literature: Supervised Reading and Research (111005)

Verena Conley

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

French 320 Section: 004

French Literature: Supervised Reading and Research (111005)

Virginie Greene

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

French 320 Section: 004

French Literature: Supervised Reading and Research (111005)

Virginie Greene

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

French 320 Section: 005

French Literature: Supervised Reading and Research (111005)

Sylvaine Guyot

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

French 320 Section: 005

French Literature: Supervised Reading and Research (111005)

Sylvaine Guyot

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

French 320 Section: 006

French Literature: Supervised Reading and Research (111005)

Alice Jardine

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

French 320 Section: 006

French Literature: Supervised Reading and Research (111005)

Alice Jardine

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

French 320 Section: 007

French Literature: Supervised Reading and Research (111005)

Francoise Lionnet

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

French 320 Section: 007

French Literature: Supervised Reading and Research (111005)

Francoise Lionnet

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

French 320 Section: 008

French Literature: Supervised Reading and Research (111005)

Christie Mcdonald

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

French 330

Direction of Doctoral Dissertations (122556)

Janet Beizer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

French 330

Direction of Doctoral Dissertations (122556)

Janet Beizer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

All: Cross Reg Availability	Available for Harvard Cross Registration

French 330 Section: 002

Direction of Doctoral Dissertations (122556)

Tom Conley

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

French 330 Section: 002

Direction of Doctoral Dissertations (122556)

Tom Conley

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

French 330 Section: 003

Direction of Doctoral Dissertations (122556)

Verena Conley

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

French 330 Section: 003

Direction of Doctoral Dissertations (122556)

Verena Conley

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

French 330 Section: 004

Direction of Doctoral Dissertations (122556)

Virginie Greene

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

French 330 Section: 004

Direction of Doctoral Dissertations (122556)

Virginie Greene

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

French 330 Section: 005

Direction of Doctoral Dissertations (122556)

Sylvaine Guyot

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

French 330 Section: 005

Direction of Doctoral Dissertations (122556)

Sylvaine Guyot

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

French 330 Section: 006

Direction of Doctoral Dissertations (122556)

Alice Jardine

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

French 330 Section: 006

Direction of Doctoral Dissertations (122556)

Alice Jardine

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

French 330 Section: 007

Direction of Doctoral Dissertations (122556)

Francoise Lionnet

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

French 330 Section: 007

Direction of Doctoral Dissertations (122556)

Francoise Lionnet

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

French 330 Section: 008

Direction of Doctoral Dissertations (122556)

Christie Mcdonald

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Subject: Portuguese

Portuguese 10

Beginning Portuguese I: From Cambridge to Copacabana (120398)

Benedict Cruz

2019 Fall (4 Credits) **Schedule:** MTWR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Intended for those with no prior experience in the target language, this course emphasizes interpersonal communication as well as the interpretation and production of written and spoken language. Students take their first steps on the journey from speaking English to carrying conversations with Portuguese speakers over the course of one semester, thanks to immersion activities and dynamic, interactive learning. Students will be exposed to contextualized Luso-Afro-Brazilian culture through music, film, social media, as well as via Teletandem, a weekly online interaction with college students in Brazil, unique to the Portuguese Program.

Course Notes: **Conducted in Portuguese. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students who have previously studied Portuguese must take a placement exam. Students with a solid knowledge of Spanish should enroll in PORTUG 10s instead of PORTUG 10. This course is taught by members of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Portuguese

Portuguese 10S

Beginning Portuguese for Spanish Speakers I: It's SAMBA, not Salsa! (113806)

Viviane Gontijo

2019 Fall (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Designed specifically for students with a sound knowledge of Spanish. This course presents linguistic and cultural structures necessary for basic communication, emphasizing the features of Portuguese most challenging for Spanish Speakers: pronunciation, idioms, and grammatical structures peculiar to Brazilian Portuguese. Over the course of the semester, students learn to express themselves effectively using their Brazilian voice, distinct from their Spanish voice. Students experience contextualized Lusophone culture through music, social media, and Teletandem, a weekly online interaction with college students in Brazil, unique to the Portuguese Program.

Course Notes: **Conducted entirely in Portuguese. Requires a solid knowledge of but not necessarily native proficiency in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to**

auditors. This course is taught by members of the Department.

Recommended Prep: **Prerequisite: 720 on the Spanish SAT II or the Harvard Placement test; 5 on the Spanish AP test; a 30s level Spanish course; or permission of Course Head.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Portuguese

Portuguese 10S

Beginning Portuguese for Spanish Speakers I: It's SAMBA, not Salsa! (113806)

Viviane Gontijo

2020 Spring (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Designed specifically for students with a sound knowledge of Spanish. This course presents linguistic and cultural structures necessary for basic communication, emphasizing the features of Portuguese most challenging for Spanish Speakers: pronunciation, idioms, and grammatical structures peculiar to Brazilian Portuguese. Over the course of the semester, students learn to express themselves effectively using their Brazilian voice, distinct from their Spanish voice. Students experience contextualized Lusophone culture through music, social media, and Teletandem, a weekly online interaction with college students in Brazil, unique to the Portuguese Program.

Course Notes: **Conducted entirely in Portuguese. Requires a solid knowledge of but not necessarily native proficiency in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.**

Recommended Prep: **Prerequisite: 720 on the Spanish SAT II or the Harvard Placement test; 5 on the Spanish AP test; a 30s level Spanish course; or permission of Course Head.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Portuguese
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Portuguese 10S Section: 002

Beginning Portuguese for Spanish Speakers I: It's SAMBA, not Salsa! (113806)

Viviane Gontijo

2019 Fall (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Designed specifically for students with a sound knowledge of Spanish. This course presents linguistic and cultural structures necessary for basic communication, emphasizing the features of Portuguese most challenging for Spanish Speakers: pronunciation, idioms, and grammatical structures peculiar to Brazilian Portuguese. Over the course of the semester, students learn to express themselves effectively using their Brazilian voice, distinct from their Spanish voice. Students experience contextualized Lusophone culture through music, social media, and Teletandem, a weekly online interaction with college students in Brazil, unique to the Portuguese Program.

Course Notes: **Conducted entirely in Portuguese. Requires a solid knowledge of but not necessarily native proficiency in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.**

Recommended Prep: **Prerequisite: 720 on the Spanish SAT II or the Harvard Placement test; 5 on the Spanish AP test; a 30s level Spanish course; or permission of Course Head.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Portuguese
FAS Divisional Distribution	None

Portuguese 11

Beginning Portuguese II (127863)

Benedict Cruz

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course is a continuation of Portuguese Aa. By the end of the course, students should be able to communicate with native speakers about a wide range of topics, and they should have acquired insights into basic elements of Luso-Brazilian culture.

Course Notes: **Conducted in Portuguese. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Section on-line on the Portuguese Ab website. Students with an advanced knowledge of Spanish should enroll in Portuguese Ad instead of Portuguese Ab.**

Requirements: **Prerequisite: Portuguese 10**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Portuguese
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Portuguese 11S

Beginning Portuguese for Spanish Speakers II: More SAMBA, less Salsa! (110641)

Benedict Cruz

2019 Fall (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Guides students to continue the work of confronting features of the Portuguese phonological system that are most challenging for Spanish speakers. It helps solidify the student's foundation in Brazilian Portuguese, and pushes them to go deeper by engaging with literary readings, examining unique cultural aspects in addition to practical points of the language. Students will continue to experience contextualized Lusophone culture through music, film, literature, social media, and Teletandem, a weekly online interaction with college students in Brazil, unique to the Portuguese Program.

Course Notes: **Conducted in Portuguese. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.**

Recommended Prep: **Prerequisite: PORTUG 10s OR permission of Course Head.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Portuguese

Portuguese 11S

Beginning Portuguese for Spanish Speakers II: More SAMBA, less Salsa! (110641)

Benedict Cruz

2020 Spring (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Guides students to continue the work of confronting features of the Portuguese phonological system that are most challenging for Spanish speakers. It helps solidify the student's foundation in Brazilian Portuguese, and pushes them to go deeper by engaging with literary readings, examining unique cultural aspects in addition to practical points of the language. Students will continue to experience contextualized Lusophone culture through music, film, literature, social media, and Teletandem, a weekly online interaction with college students in Brazil, unique to the Portuguese Program.

Course Notes: **Conducted in Portuguese. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.**

Recommended Prep: **Prerequisite: PORTUG 10s OR permission of Course Head.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Portuguese
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Portuguese 11S Section: 002

Beginning Portuguese for Spanish Speakers II: More SAMBA, less Salsa! (110641)

Benedict Cruz

2020 Spring (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Guides students to continue the work of confronting features of the Portuguese phonological system that are most challenging for Spanish speakers. It helps solidify the student's foundation in Brazilian Portuguese, and pushes them to go deeper by engaging with literary readings, examining unique cultural aspects in addition to practical points of the language. Students will continue to experience contextualized Lusophone culture through music, film, literature, social media, and Teletandem, a weekly online interaction with college students in Brazil, unique to the Portuguese Program.

Course Notes: **Conducted in Portuguese. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.**

Recommended Prep: **Prerequisite: PORTUG 10s OR permission of Course Head.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Portuguese
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Portuguese 15

Intensive Beginning Portuguese (156944)

Viviane Gontijo

2020 Spring (8 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This intensive Beginning Portuguese course provides an accelerated introduction to Portuguese with emphasis on interpersonal communication and interpreting and producing language in written and oral forms. Goals include building students' vocabulary, fluency, proficiency, and confidence. Students are exposed to Brazilian Portuguese and culture through music, cinema, and various media sources. The course covers the equivalent of a full first-year of Portuguese language study.

Course Notes: **This course requires an average seven contact hours per week. To supplement the scheduled 6.25 hours, a weekly online component will be arranged. May not be taken Pass/Fail or Sat/Unsat. Not open to auditors. Students must participate in an interview with the Portuguese 15 course head and receive permission to enroll in the course.**

Recommended Prep: **An advanced knowledge of at least one other foreign language but no knowledge of Portuguese.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Portuguese

Portuguese 15

Intensive Beginning Portuguese (156944)

Benedict Cruz

2019 Fall (8 Credits) **Schedule:** MTWRF 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This intensive Beginning Portuguese course provides an accelerated introduction to Portuguese with emphasis on interpersonal communication and interpreting and producing language in written and oral forms. Goals include building students' vocabulary, fluency, proficiency, and confidence. Students are exposed to Brazilian Portuguese and culture through music, cinema, and various media sources. The course covers the equivalent of a full first-year of Portuguese language study.

Course Notes: **This course requires an average seven contact hours per week. To supplement the scheduled 6.25 hours, a weekly online component will be arranged. May not be taken Pass/Fail or Sat/Unsat. Not open to auditors. Students must participate in an interview with the Portuguese 15 course head and receive permission to enroll in the course.**

Recommended Prep: **An advanced knowledge of at least one other foreign language but no knowledge of Portuguese.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Portuguese 20

Intermediate Portuguese: Palcos e Palavras (121934)

Viviane Gontijo

2020 Spring (4 Credits) **Schedule:** MWF 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An intermediate course for students interested in expanding and strengthening their Portuguese language skills. Reading, writing, and conversational competencies are emphasized through a panoramic study of Luso-Afro-Brazilian Theater. The course will continue to promote cross-cultural understanding by introducing learners to different textual genres such as screenplays, critical review as well as a selection of literary work that represents the Lusophone arts. The weekly online Teletandem interaction with college students in Brazil, unique to the Portuguese Program, allows learners to discuss readings, and engage in peer-review of writing completed for this course.

Course Notes: **Conducted in Portuguese. Not open to auditors. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. This course is taught by members of the Department.**

Recommended Prep: **Prerequisite: PORTUG 11 (AB) or 11s (AD) OR permission of Course Head.**

Requirements: **Prerequisite: Portuguese 11 OR Portuguese 11s**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Portuguese
FAS Divisional Distribution	None

Portuguese 20

Intermediate Portuguese: Palcos e Palavras (121934)

Viviane Gontijo

2019 Fall (4 Credits) **Schedule:** MWF 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An intermediate course for students interested in expanding and strengthening their Portuguese language skills. Reading, writing, and conversational competencies are emphasized through a panoramic study of Luso-Afro-Brazilian Theater. The course will continue to promote cross-cultural understanding by introducing learners to different textual genres such as screenplays, critical review as well as a selection of literary work that represents the Lusophone arts. The weekly online Teletandem interaction with college students in Brazil, unique to the Portuguese Program, allows learners to discuss readings, and engage in peer-review of writing completed for this course.

Course Notes: **Conducted in Portuguese. Not open to auditors. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. This course is taught by members of the Department.**

Recommended Prep: **Prerequisite: PORTUG 11 (AB) or 11s (AD) OR permission of Course Head.**

Requirements: **Prerequisite: Portuguese 11 OR Portuguese 11s**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Portuguese

Portuguese 30

Upper-Level Portuguese: Lusophone Culture in Bits and Pieces (114944)

Viviane Gontijo

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Engages in systematic grammar review, along with practice in writing and vocabulary enrichment, while examining contemporary Brazil as presented in Portuguese-language press, television, literature, and film. Analyzes the ways Brazilians and non-Brazilians construct different and conflicting images of Brazil and "Brazilianness." Issues of race relations, national identity, ethnicity, and gender addressed. Discussions

based on historical and literary texts, advertisements, films, videotapes of Brazilian television, and current issues of newspapers and magazines.

Course Notes: **Conducted in Portuguese. Not open to auditors. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. This course is taught by members of the Department.**

Recommended Prep: **Prerequisite: PORTUG 20 (C) OR permission of Course Head.**

Requirements: **Prerequisite: Portuguese CREQ; PORTUG 30**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Portuguese
HCOL: Foreign Lang Citation	Portuguese

Portuguese 40

Advanced Portuguese I: Through the Brazilian Looking Glass: The Cinema of Brazil (124524)

Viviane Gontijo

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Examines major Brazilian films in their historical, political, and social context. Class discussion also focuses on documentaries, reviews, and critical articles. In-depth textual and grammatical analysis, vocabulary building, reflections on the similarities and differences of the oral and written Portuguese will lead students to achieve a high level of competency.

Course Notes: **This course meets regularly on Mondays and Wednesdays, with an additional weekly 30-minute online component. Conducted in Portuguese. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.**

Recommended Prep: **Prerequisite: PORTUG 30 OR Permission of Course Head.**

Requirements: **Prerequisite: Portuguese C OR Portuguese 30**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Portuguese
FAS: Meets Foreign Lang Req	Portuguese

Portuguese 59

Portuguese and the Community (118080)

Viviane Gontijo

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This is an advanced language course examining the Luso-African-Brazilian experience in the United States. This course promotes community engagement as a vehicle for greater linguistic fluency and cultural understanding. Students are placed with community organizations within the Boston area and volunteer for four hours a week. Class work will focus on expanding students' oral and written proficiency through discussing and analyzing readings, arts, and films by and about Luso-African-Brazilians in the US.

Course Notes: **Conducted in Portuguese. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors.**

Recommended Prep: **Prerequisite: PORTUG 40 or 50 or permission of the Undergraduate Advisor in Portuguese and Brazilian Studies**

Requirements: **Prerequisite: Portuguese C OR Portuguese 30**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
HCOL: Foreign Lang Citation	Portuguese
FAS: Meets Foreign Lang Req	Portuguese
FAS Divisional Distribution	Arts and Humanities

Portuguese 70

Samba, Bossa Nova and Beyond: Brazilian Society through the Study of Music (203375)

Viviane Gontijo

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Deciphering contemporary Brazilian society through its music. This seminar-like course will employ critical reading, writing, and listening without excluding its hands-on elements and music workshops. Students will develop a deeper knowledge of political currents that have influenced Brazilian music, have the opportunity to explore a wide variety of musical genres that surpasses Samba and Bossa Nova, as well as interact with Brazilian musicians and critics from Brazil and beyond. The diversity of Brazil's music will be celebrated by considering its regional (música do norte, nordeste, sul e sudeste), and sociopolitical aspects.

Course Notes: **This course meets regularly on Tuesdays and Thursdays, with an additional weekly 30-minute online component. No music experience is necessary, but enthusiasm to participate in the dance and music workshops is indispensable. Conducted in Portuguese. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students.**

Class Notes: **This course meets regularly on Tuesdays and Thursdays, with an additional weekly 30 minute online component.**

Class Notes: **No music experience is necessary, but enthusiasm to participate in the dance and music workshops is indispensable.**

Recommended Prep: **Prerequisites: PORTUG 50, 59 OR permission of Course Head**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Portuguese 91R

Supervised Reading and Research (116476)

Viviane Gontijo

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Tutorial supervision of research on subjects not covered in regular courses.

Course Notes: **Limited to juniors and seniors. Students wishing to enroll must petition the Undergraduate Adviser in Portuguese for approval, stating the proposed project, and must have the consent of the proposed instructor. Ordinarily, students are required to have taken some course work in the area as background for their project. May not be taken more than twice, and only once for concentration credit.**

This course is taught by members of the Department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
HCOL: Foreign Lang Citation	Portuguese

Portuguese 91R

Supervised Reading and Research (116476)

Viviane Gontijo

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Tutorial supervision of research on subjects not covered in regular courses.

Course Notes: **Limited to juniors and seniors. Students wishing to enroll must petition the Undergraduate Adviser in Portuguese for approval, stating the proposed project, and must have the consent of the proposed instructor. Ordinarily, students are required to have taken some course work in the area as background for their project. May not be taken more than twice, and only once for concentration credit.**

This course is taught by members of the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
HCOL: Foreign Lang Citation	Portuguese
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Portuguese 99A

Tutorial - Senior Year (124308)

Viviane Gontijo

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For honors seniors writing a thesis. Part one of a two part series.

Course Notes: **For honors seniors writing a thesis. Successful completion of two terms of Portuguese 99 is required of all thesis-track honors concentrators. Students who do not complete a thesis are required to submit a substantial paper in order to receive either half course or full course credit.**

This course is taught by members of the Department.

Recommended Prep: **Satisfactory completion of a junior tutorial and prior faculty approval of proposed thesis topic. Successful completion of one term of Portuguese 99 is required of all honors concentrators. To enroll, see course head.**

Requirements: **Prerequisite: French 98 OR Italian 98 OR Portuguese 98 OR Spanish 98 OR Romance Studies 98 OR Latin American Studies 98**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Portuguese

Portuguese 99B

Tutorial - Senior Year (159995)

Viviane Gontijo

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 99

For honors seniors writing a thesis. Part two of a two part series.

Recommended Prep: **Satisfactory completion of a junior tutorial and prior faculty approval of proposed thesis topic. Successful completion of one term of**

Portuguese 99 is required of all honors concentrators. To enroll, see course head.

Requirements: **Prerequisite: French 98 OR Italian 98 OR Portuguese 98 OR Spanish 98 OR Romance Studies 98 OR Latin American Studies 98**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Not Available for Cross Registration
Full Year Course	Divisible Course
HCOL: Foreign Lang Citation	Portuguese
FAS: Course Level	Primarily for Undergraduate Students

Portuguese 123A

Portuguese Literary Studies I (156538)

Josiah Blackmore

2019 Fall (4 Credits) **Schedule:** T 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An overview of the literature of Portugal centering on its major figures and aesthetic movements, with attention given to selected moments in cultural history through the eighteenth century. Readings and discussions will include analyses of specific texts and considerations of topics such as gender, sexuality, race, and globalization in the Portuguese context.

Course Notes: **Discussions will be in Portuguese or in English, depending on class composition.**

Recommended Prep: **Excellent reading knowledge of Portuguese.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Portuguese
HCOL: Foreign Lang Citation	Portuguese
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Portuguese 123B

Portuguese Literary Studies II (156541)

Josiah Blackmore

2020 Spring (4 Credits) **Schedule:** T 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A continuation of Portuguese 123a, with an emphasis on the nineteenth century and modernity.

Course Notes: **Discussions will be in Portuguese or in English, depending on class composition.**

Recommended Prep: **Excellent reading knowledge of Portuguese.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Portuguese
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Portuguese
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Portuguese 182

The Worlds of Camões (110085)

Josiah Blackmore

2019 Fall (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A study of the Renaissance Portuguese imagination through the work of Luís de Camões. The course will center on the epic and lyric poetry of Camões as a way to think broadly about the literary and intellectual currents of the 16th century. Empire, the structure of the cosmos, and mythography will figure into our analyses. To promote an understanding of the international culture of letters and humanism, authors from Spain, Italy, and France will also be included. Prerequisite: Reading knowledge of Portuguese.

Course Notes: **Conducted in Portuguese or English, depending on class composition.**

Recommended Prep: **Reading knowledge of Portuguese.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Portuguese
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students

Portuguese 321

Literature of Brazil: Supervised Reading and Research (117375)

Josiah Blackmore

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Portuguese 321

Literature of Brazil: Supervised Reading and Research (117375)

Josiah Blackmore

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Portuguese 321 Section: 002

Literature of Brazil: Supervised Reading and Research (117375)

Bruno Carvalho

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Portuguese 321 Section: 002

Literature of Brazil: Supervised Reading and Research (117375)

Bruno Carvalho

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Portuguese 322

Literature of Portugal: Supervised Reading and Research (156629)

Josiah Blackmore

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **By permission of instructor only.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Portuguese 322

Literature of Portugal: Supervised Reading and Research (156629)

Josiah Blackmore

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **By permission of instructor only.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Portuguese 322 Section: 002

Literature of Portugal: Supervised Reading and Research (156629)

Bruno Carvalho

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **By permission of instructor only.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Portuguese 322 Section: 002

Literature of Portugal: Supervised Reading and Research (156629)

Bruno Carvalho

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **By permission of instructor only.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Portuguese 330

Direction of Doctoral Dissertations (113633)

Josiah Blackmore

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Portuguese 330

Direction of Doctoral Dissertations (113633)

Josiah Blackmore

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Portuguese 330 Section: 002

Direction of Doctoral Dissertations (113633)

Bruno Carvalho

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Portuguese 330 Section: 002

Direction of Doctoral Dissertations (113633)

Bruno Carvalho

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Portuguese 330 Section: 004

Direction of Doctoral Dissertations (113633)

Mary Gaylord

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Portuguese 330 Section: 004

Direction of Doctoral Dissertations (113633)

Mary Gaylord

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Portuguese 330 Section: 005

Direction of Doctoral Dissertations (113633)

Mariano Siskind

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Portuguese 330 Section: 005

Direction of Doctoral Dissertations (113633)

Mariano Siskind

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Portuguese 330 Section: 006

Direction of Doctoral Dissertations (113633)

Doris Sommer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Portuguese 330 Section: 006

Direction of Doctoral Dissertations (113633)

Doris Sommer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Subject: Catalan

Catalan 10

Introduction to Catalan (114279)

Elvira G. DiFabio

2019 Fall (4 Credits) **Schedule:** TR 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course offers a set of units that, while introducing critical topics of contemporary social, political, territorial, and artistic debates, teach the basics of Catalan language. By the end of the course students will be able to interact in daily situations with native speakers, read and write simple messages about themselves and others, and interpret cultural expressions and products.

Course Notes: **Conducted in Catalan. Knowledge of another Romance language is useful but not essential. Not open to auditors. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students.**

This course is taught by members of the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Catalan
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Catalan 11

Catalan Language and Culture: a Multimedia Approach (122352)

Daniel Aguirre-Oteiza

2020 Spring (4 Credits) **Schedule:** TR 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Intermediate course introducing students to Catalan culture and boosting their oral and written skills through a wide range of resources, such as Internet, television, radio, and press. Students will get a taste of various aspects of Catalan culture: art, cinema, music, literature, traditions, cuisine, history, and more.

Course Notes: **Conducted in Catalan. Not open to auditors. May not be taken Pass/Fail by undergraduates, but may be taken Sat/Unsat by GSAS students.**

Requirements: **Prerequisite: Catalan 10**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Catalan
HCOL: Foreign Lang Citation	Catalan

Catalan 91R

Supervised Reading and Research (114454)

Daniel Aguirre-Oteiza

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Tutorial supervision of research on subjects not treated in regular courses. May be used for further language study after Catalan Ba/10 or 20.

Course Notes: **This course is taught by members of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Catalan

Catalan 91R

Supervised Reading and Research (114454)

Daniel Aguirre-Oteiza

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Tutorial supervision of research on subjects not treated in regular courses. May be used for further language study after Catalan Ba/10 or 20.

Course Notes: **This course is taught by members of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Catalan
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Spanish 10

Beginning Spanish I (124982)

Jorge Mendez Seijas

2020 Spring (4 Credits) **Schedule:** MTWR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

A basic beginning semester course for students with no previous study of Spanish. Emphasis on speaking, writing, reading, and listening, as the basis for the development of all three Communication Modes (Interpersonal, Interpretive, and Presentational). Hispanic cultures will be introduced through a variety of texts, including readings, music, art, and film.

Course Notes: **Conducted in Spanish. Open to students who have not previously studied Spanish or who have scored below 300 on the Harvard placement test. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students who have studied Spanish for two years or more in secondary school must begin at Spanish 11 or higher.**

This course is taught by members of the Department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Spanish
FAS Divisional Distribution	None

Spanish 10

Beginning Spanish I (124982)

Maria Parra-Velasco

2019 Fall (4 Credits) **Schedule:** MTWR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

A basic beginning semester course for students with no previous study of Spanish. Emphasis on speaking, writing, reading, and listening, as the basis for the development of all three Communication Modes (Interpersonal, Interpretive, and Presentational). Hispanic cultures will be introduced through a variety of texts, including readings, music, art, and film.

Course Notes: **Conducted in Spanish. Open to students who have not previously studied Spanish or who have scored below 300 on the Harvard placement test. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students who have studied Spanish for two years or more in secondary school must begin at Spanish 11 or higher.**

This course is taught by members of the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Spanish
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Spanish 10 Section: 002

Beginning Spanish I (124982)

Maria Parra-Velasco

2019 Fall (4 Credits) **Schedule:** MTWR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

A basic beginning semester course for students with no previous study of Spanish. Emphasis on speaking, writing, reading, and listening, as the basis for the development of all three Communication Modes (Interpersonal, Interpretive, and Presentational). Hispanic cultures will be introduced through a variety of texts, including readings, music, art, and film.

Course Notes: **Conducted in Spanish. Open to students who have not previously studied Spanish or who have scored below 300 on the Harvard placement test. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students who have studied Spanish for two years or more in secondary school must begin at Spanish 11 or higher.**

This course is taught by members of the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Spanish
FAS: Course Level	Primarily for Undergraduate Students

Spanish 10 Section: 003

Beginning Spanish I (124982)

Maria Parra-Velasco

2019 Fall (4 Credits) **Schedule:** MTWR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A basic beginning semester course for students with no previous study of Spanish. Emphasis on speaking, writing, reading, and listening, as the basis for the development of all three Communication Modes (Interpersonal, Interpretive, and Presentational). Hispanic cultures will be introduced through a variety of texts, including readings, music, art, and film.

Course Notes: **Conducted in Spanish. Open to students who have not previously studied Spanish or who have scored below 300 on the Harvard placement test. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students who have studied**

Spanish for two years or more in secondary school must begin at Spanish 11 or higher.

This course is taught by members of the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Spanish

Spanish 10 Section: 004

Beginning Spanish I (124982)

Maria Parra-Velasco

2019 Fall (4 Credits) **Schedule:** MTWR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A basic beginning semester course for students with no previous study of Spanish. Emphasis on speaking, writing, reading, and listening, as the basis for the development of all three Communication Modes (Interpersonal, Interpretive, and Presentational). Hispanic cultures will be introduced through a variety of texts, including readings, music, art, and film.

Course Notes: **Conducted in Spanish. Open to students who have not previously studied Spanish or who have scored below 300 on the Harvard placement test. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students who have studied Spanish for two years or more in secondary school must begin at Spanish 11 or higher.**

This course is taught by members of the Department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Spanish
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Spanish 10 Section: 005

Beginning Spanish I (124982)

Maria Parra-Velasco

2019 Fall (4 Credits) **Schedule:** MTWR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

A basic beginning semester course for students with no previous study of Spanish. Emphasis on speaking, writing, reading, and listening, as the basis for the development of all three Communication Modes (Interpersonal, Interpretive, and Presentational). Hispanic cultures will be introduced through a variety of texts, including readings, music, art, and film.

Course Notes: **Conducted in Spanish. Open to students who have not previously studied Spanish or who have scored below 300 on the Harvard placement test. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students who have studied Spanish for two years or more in secondary school must begin at Spanish 11 or higher.**

This course is taught by members of the Department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Spanish

Spanish 10 Section: 006

Beginning Spanish I (124982)

Maria Parra-Velasco

2019 Fall (4 Credits) **Schedule:** MTWR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

A basic beginning semester course for students with no previous study of Spanish. Emphasis on speaking, writing, reading, and listening, as the basis for the development of all three Communication Modes (Interpersonal, Interpretive, and Presentational). Hispanic cultures will be introduced through a variety of texts, including readings, music, art, and film.

Course Notes: **Conducted in Spanish. Open to students who have not previously studied Spanish or who have scored below 300 on the Harvard placement test. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students who have studied Spanish for two years or more in secondary school must begin at Spanish 11 or higher.**

This course is taught by members of the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Spanish
FAS Divisional Distribution	None

Spanish 10 Section: 007

Beginning Spanish I (124982)

2019 Fall (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

A basic beginning semester course for students with no previous study of Spanish. Emphasis on speaking,

writing, reading, and listening, as the basis for the development of all three Communication Modes (Interpersonal, Interpretive, and Presentational). Hispanic cultures will be introduced through a variety of texts, including readings, music, art, and film.

Course Notes: **Conducted in Spanish. Open to students who have not previously studied Spanish or who have scored below 300 on the Harvard placement test. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students who have studied Spanish for two years or more in secondary school must begin at Spanish 11 or higher.**

This course is taught by members of the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Spanish
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Spanish 10 Section: 008

Beginning Spanish I (124982)

Maria Parra-Velasco

2019 Fall (4 Credits) **Schedule:** MTWR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A basic beginning semester course for students with no previous study of Spanish. Emphasis on speaking, writing, reading, and listening, as the basis for the development of all three Communication Modes (Interpersonal, Interpretive, and Presentational). Hispanic cultures will be introduced through a variety of texts, including readings, music, art, and film.

Course Notes: **Conducted in Spanish. Open to students who have not previously studied Spanish or who have scored below 300 on the Harvard placement test. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students who have studied Spanish for two years or more in secondary school must begin at Spanish 11 or higher.**

This course is taught by members of the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Spanish
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Spanish 11

Beginning Spanish II (125058)

Jorge Mendez Seijas

2020 Spring (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

For students with the equivalent of one semester previous study of Spanish. Emphasis on strengthening students' interpersonal, interpretive, and presentational skills in both oral and written Spanish. Hispanic cultures are presented through a variety of authentic texts, including short pieces of literature, essays, and newspaper articles. Music, art, and film are also included. After Spanish Aa and Ab, students should be able to engage in everyday conversations with native speakers, and read straightforward texts, both fiction and non-fiction, with relative ease.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students who have studied Spanish for two years or more in secondary school must begin at Spanish 11 or higher. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **A score between 301-450 on the SAT II test or on the Harvard Placement Test, Spanish Aa/10, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Spanish
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students

Spanish 11

Beginning Spanish II (125058)

Jorge Mendez Seijas

2019 Fall (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

For students with the equivalent of one semester previous study of Spanish. Emphasis on strengthening students' interpersonal, interpretive, and presentational skills in both oral and written Spanish. Hispanic cultures are presented through a variety of authentic texts, including short pieces of literature, essays, and newspaper articles. Music, art, and film are also included. After Spanish Aa and Ab, students should be able to engage in everyday conversations with native speakers, and read straightforward texts, both fiction and non-fiction, with relative ease.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students who have studied Spanish for two years or more in secondary school must begin at Spanish 11 or higher. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **A score between 301-450 on the SAT II test or on the Harvard Placement Test, Spanish Aa/10, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Spanish
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Spanish 11 Section: 002

Beginning Spanish II (125058)

Jorge Mendez Seijas

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

For students with the equivalent of one semester previous study of Spanish. Emphasis on strengthening students' interpersonal, interpretive, and presentational skills in both oral and written Spanish. Hispanic cultures are presented through a variety of authentic texts, including short pieces of literature, essays, and newspaper articles. Music, art, and film are also included. After Spanish Aa and Ab, students should be able to engage in everyday conversations with native speakers, and read straightforward texts, both fiction and non-fiction, with relative ease.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students who have studied Spanish for two years or more in secondary school must begin at Spanish 11 or higher. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **A score between 301-450 on the SAT II test or on the Harvard Placement Test, Spanish Aa/10, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Spanish

Spanish 11 Section: 002

Beginning Spanish II (125058)

Jorge Mendez Seijas

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

For students with the equivalent of one semester previous study of Spanish. Emphasis on strengthening

students' interpersonal, interpretive, and presentational skills in both oral and written Spanish. Hispanic cultures are presented through a variety of authentic texts, including short pieces of literature, essays, and newspaper articles. Music, art, and film are also included. After Spanish Aa and Ab, students should be able to engage in everyday conversations with native speakers, and read straightforward texts, both fiction and non-fiction, with relative ease.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students who have studied Spanish for two years or more in secondary school must begin at Spanish 11 or higher. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **A score between 301-450 on the SAT II test or on the Harvard Placement Test, Spanish Aa/10, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Spanish

Spanish 11 Section: 003

Beginning Spanish II (125058)

Jorge Mendez Seijas

2020 Spring (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

For students with the equivalent of one semester previous study of Spanish. Emphasis on strengthening students' interpersonal, interpretive, and presentational skills in both oral and written Spanish. Hispanic cultures are presented through a variety of authentic texts, including short pieces of literature, essays, and newspaper articles. Music, art, and film are also included. After Spanish Aa and Ab, students should be able to engage in everyday conversations with native speakers, and read straightforward texts, both fiction and non-fiction, with relative ease.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students who have studied Spanish for two years or more in secondary school must begin at Spanish 11 or higher. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **A score between 301-450 on the SAT II test or on the Harvard Placement Test, Spanish Aa/10, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None

FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Spanish

Spanish 11 Section: 003

Beginning Spanish II (125058)

Jorge Mendez Seijas

2019 Fall (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

For students with the equivalent of one semester previous study of Spanish. Emphasis on strengthening students' interpersonal, interpretive, and presentational skills in both oral and written Spanish. Hispanic cultures are presented through a variety of authentic texts, including short pieces of literature, essays, and newspaper articles. Music, art, and film are also included. After Spanish Aa and Ab, students should be able to engage in everyday conversations with native speakers, and read straightforward texts, both fiction and non-fiction, with relative ease.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students who have studied Spanish for two years or more in secondary school must begin at Spanish 11 or higher. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **A score between 301-450 on the SAT II test or on the Harvard Placement Test, Spanish Aa/10, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Spanish
All: Cross Reg Availability	Available for Harvard Cross Registration

Spanish 11 Section: 004

Beginning Spanish II (125058)

Jorge Mendez Seijas

2019 Fall (4 Credits) **Schedule:** MWF 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

For students with the equivalent of one semester previous study of Spanish. Emphasis on strengthening students' interpersonal, interpretive, and presentational skills in both oral and written Spanish. Hispanic cultures are presented through a variety of authentic texts, including short pieces of literature, essays, and newspaper articles. Music, art, and film are also included. After Spanish Aa and Ab, students should be able to engage in everyday conversations with native speakers, and read straightforward texts, both fiction and non-fiction, with relative ease.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail, but may be taken**

Sat/Unsat by GSAS students. Not open to auditors. Students who have studied Spanish for two years or more in secondary school must begin at Spanish 11 or higher. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.

This course is taught by members of the Department.

Recommended Prep: **A score between 301-450 on the SAT II test or on the Harvard Placement Test, Spanish Aa/10, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Spanish

Spanish 11 Section: 004

Beginning Spanish II (125058)

Jorge Mendez Seijas

2020 Spring (4 Credits) **Schedule:** MWF 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

For students with the equivalent of one semester previous study of Spanish. Emphasis on strengthening students' interpersonal, interpretive, and presentational skills in both oral and written Spanish. Hispanic cultures are presented through a variety of authentic texts, including short pieces of literature, essays, and newspaper articles. Music, art, and film are also included. After Spanish Aa and Ab, students should be able to engage in everyday conversations with native speakers, and read straightforward texts, both fiction and non-fiction, with relative ease.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students who have studied Spanish for two years or more in secondary school must begin at Spanish 11 or higher. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **A score between 301-450 on the SAT II test or on the Harvard Placement Test, Spanish Aa/10, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Spanish
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Spanish 11 Section: 005

Beginning Spanish II (125058)

Jorge Mendez Seijas

2019 Fall (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

For students with the equivalent of one semester previous study of Spanish. Emphasis on strengthening students' interpersonal, interpretive, and presentational skills in both oral and written Spanish. Hispanic cultures are presented through a variety of authentic texts, including short pieces of literature, essays, and newspaper articles. Music, art, and film are also included. After Spanish Aa and Ab, students should be able to engage in everyday conversations with native speakers, and read straightforward texts, both fiction and non-fiction, with relative ease.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students who have studied Spanish for two years or more in secondary school must begin at Spanish 11 or higher. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **A score between 301-450 on the SAT II test or on the Harvard Placement Test, Spanish Aa/10, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Spanish

Spanish 11 Section: 005

Beginning Spanish II (125058)

Jorge Mendez Seijas

2020 Spring (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

For students with the equivalent of one semester previous study of Spanish. Emphasis on strengthening students' interpersonal, interpretive, and presentational skills in both oral and written Spanish. Hispanic cultures are presented through a variety of authentic texts, including short pieces of literature, essays, and newspaper articles. Music, art, and film are also included. After Spanish Aa and Ab, students should be able to engage in everyday conversations with native speakers, and read straightforward texts, both fiction and non-fiction, with relative ease.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students who have studied Spanish for two years or more in secondary school must begin at Spanish 11 or higher. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **A score between 301-450 on the SAT II test or on the Harvard Placement Test, Spanish Aa/10, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Spanish

Spanish 11 Section: 006

Beginning Spanish II (125058)

Jorge Mendez Seijas

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

For students with the equivalent of one semester previous study of Spanish. Emphasis on strengthening students' interpersonal, interpretive, and presentational skills in both oral and written Spanish. Hispanic cultures are presented through a variety of authentic texts, including short pieces of literature, essays, and newspaper articles. Music, art, and film are also included. After Spanish Aa and Ab, students should be able to engage in everyday conversations with native speakers, and read straightforward texts, both fiction and non-fiction, with relative ease.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students who have studied Spanish for two years or more in secondary school must begin at Spanish 11 or higher. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **A score between 301-450 on the SAT II test or on the Harvard Placement Test, Spanish Aa/10, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Spanish

Spanish 11 Section: 006

Beginning Spanish II (125058)

Jorge Mendez Seijas

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

For students with the equivalent of one semester previous study of Spanish. Emphasis on strengthening students' interpersonal, interpretive, and presentational skills in both oral and written Spanish. Hispanic cultures are presented through a variety of authentic texts, including short pieces of literature, essays, and newspaper articles. Music, art, and film are also included. After Spanish Aa and Ab, students should be able to engage in everyday conversations with native speakers, and read straightforward texts, both fiction and non-fiction, with relative ease.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students who have studied Spanish for two years or more in secondary school must begin at Spanish 11 or higher. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **A score between 301-450 on the SAT II test or on the Harvard Placement Test, Spanish Aa/10, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Spanish
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Spanish 11 Section: 007

Beginning Spanish II (125058)

Jorge Mendez Seijas

2019 Fall (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

For students with the equivalent of one semester previous study of Spanish. Emphasis on strengthening students' interpersonal, interpretive, and presentational skills in both oral and written Spanish. Hispanic cultures are presented through a variety of authentic texts, including short pieces of literature, essays, and newspaper articles. Music, art, and film are also included. After Spanish Aa and Ab, students should be able to engage in everyday conversations with native speakers, and read straightforward texts, both fiction and non-fiction, with relative ease.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students who have studied Spanish for two years or more in secondary school must begin at Spanish 11 or higher. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **A score between 301-450 on the SAT II test or on the Harvard Placement Test, Spanish Aa/10, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Spanish

Spanish 15

Intensive Beginning Spanish: Special Course (116469)

Jorge Mendez Seijas

2019 Fall (8 Credits) **Schedule:** MTWRF 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A beginning class for students with no previous formal training in Spanish but with competence in at least one foreign language. Emphasis on communication skills. Language instruction supplemented by cultural and literary readings and film.

Course Notes: **Not open to auditors. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **An advanced knowledge of at least one foreign language, preferably a modern Romance language, but no previous study of Spanish.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Spanish 15

Intensive Beginning Spanish: Special Course (116469)

Maria Parra-Velasco

2020 Spring (8 Credits) **Schedule:** MTWRF 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** 12

A beginning class for students with no previous formal training in Spanish but with competence in at least one foreign language. Emphasis on communication skills. Language instruction supplemented by cultural and literary readings and film.

Course Notes: **Not open to auditors. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **An advanced knowledge of at least one foreign language, preferably a modern Romance language, but no previous study of Spanish.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Spanish
All: Cross Reg Availability	Available for Harvard Cross Registration

Spanish 20

Intermediate Spanish: Language and Culture in the Hispanic World (125011)

Adriana Gutierrez

2020 Spring (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An intermediate language and culture class that aims to consolidate and expand the skills of listening comprehension, speaking, reading and writing in Spanish. Includes a comprehensive review of the grammar and reinforces linguistic acquisition through texts, movies, art and multi-media projects to acquaint students with cultural issues relevant to the Spanish-speaking world.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **Spanish Ab, Acd, 451-600 on the SAT II test or on the Harvard Placement Test, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Spanish
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
HCOL: Foreign Lang Citation	Spanish

Spanish 20

Intermediate Spanish: Language and Culture in the Hispanic World (125011)

Adriana Gutierrez

2019 Fall (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An intermediate language and culture class that aims to consolidate and expand the skills of listening comprehension, speaking, reading and writing in Spanish. Includes a comprehensive review of the grammar and reinforces linguistic acquisition through texts, movies, art and multi-media projects to

acquaint students with cultural issues relevant to the Spanish-speaking world.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **Spanish Ab, Acd, 451-600 on the SAT II test or on the Harvard Placement Test, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Spanish
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Spanish
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Spanish 20 Section: 002

Intermediate Spanish: Language and Culture in the Hispanic World (125011)

Adriana Gutierrez

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An intermediate language and culture class that aims to consolidate and expand the skills of listening comprehension, speaking, reading and writing in Spanish. Includes a comprehensive review of the grammar and reinforces linguistic acquisition through texts, movies, art and multi-media projects to acquaint students with cultural issues relevant to the Spanish-speaking world.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **Spanish Ab, Acd, 451-600 on the SAT II test or on the Harvard Placement Test, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Spanish
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Spanish
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Spanish 20 Section: 002

Intermediate Spanish: Language and Culture in the Hispanic World (125011)

Adriana Gutierrez

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An intermediate language and culture class that aims to consolidate and expand the skills of listening comprehension, speaking, reading and writing in Spanish. Includes a comprehensive review of the grammar and reinforces linguistic acquisition through texts, movies, art and multi-media projects to acquaint students with cultural issues relevant to the Spanish-speaking world.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **Spanish Ab, Acd, 451-600 on the SAT II test or on the Harvard Placement Test, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	Spanish
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Spanish

Spanish 20 Section: 003

Intermediate Spanish: Language and Culture in the Hispanic World (125011)

Adriana Gutierrez

2020 Spring (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An intermediate language and culture class that aims to consolidate and expand the skills of listening comprehension, speaking, reading and writing in Spanish. Includes a comprehensive review of the grammar and reinforces linguistic acquisition through texts, movies, art and multi-media projects to acquaint students with cultural issues relevant to the Spanish-speaking world.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **Spanish Ab, Acd, 451-600 on the SAT II test or on the Harvard Placement Test, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Spanish
FAS: Meets Foreign Lang Req	Spanish
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Spanish 20 Section: 003

Intermediate Spanish: Language and Culture in the Hispanic World (125011)

Adriana Gutierrez

2019 Fall (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An intermediate language and culture class that aims to consolidate and expand the skills of listening comprehension, speaking, reading and writing in Spanish. Includes a comprehensive review of the grammar and reinforces linguistic acquisition through texts, movies, art and multi-media projects to acquaint students with cultural issues relevant to the Spanish-speaking world.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **Spanish Ab, Acd, 451-600 on the SAT II test or on the Harvard Placement Test, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Spanish
HCOL: Foreign Lang Citation	Spanish

Spanish 20 Section: 004

Intermediate Spanish: Language and Culture in the Hispanic World (125011)

Adriana Gutierrez

2019 Fall (4 Credits) **Schedule:** MWF 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An intermediate language and culture class that aims to consolidate and expand the skills of listening comprehension, speaking, reading and writing in Spanish. Includes a comprehensive review of the grammar and reinforces linguistic acquisition through texts, movies, art and multi-media projects to acquaint students with cultural issues relevant to the Spanish-speaking world.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **Spanish Ab, Acd, 451-600 on the SAT II test or on the Harvard Placement Test, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Spanish
HCOL: Foreign Lang Citation	Spanish
FAS: Course Level	Primarily for Undergraduate Students

Spanish 20 Section: 004

Intermediate Spanish: Language and Culture in the Hispanic World (125011)

Adriana Gutierrez

2020 Spring (4 Credits) **Schedule:** MWF 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An intermediate language and culture class that aims to consolidate and expand the skills of listening comprehension, speaking, reading and writing in Spanish. Includes a comprehensive review of the grammar and reinforces linguistic acquisition through texts, movies, art and multi-media projects to acquaint students with cultural issues relevant to the Spanish-speaking world.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **Spanish Ab, Acd, 451-600 on the SAT II test or on the Harvard Placement Test, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Spanish
FAS: Course Level	Primarily for Undergraduate Students
HCOL: Foreign Lang Citation	Spanish

Spanish 20 Section: 005

Intermediate Spanish: Language and Culture in the Hispanic World (125011)

Adriana Gutierrez

2020 Spring (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An intermediate language and culture class that aims to consolidate and expand the skills of listening comprehension, speaking, reading and writing in Spanish. Includes a comprehensive review of the grammar and reinforces linguistic acquisition through texts, movies, art and multi-media projects to acquaint students with cultural issues relevant to the Spanish-speaking world.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **Spanish Ab, Acd, 451-600 on the SAT II test or on the Harvard Placement Test, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Spanish
FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	Spanish
FAS: Course Level	Primarily for Undergraduate Students

Spanish 20 Section: 005

Intermediate Spanish: Language and Culture in the Hispanic World (125011)

Adriana Gutierrez

2019 Fall (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An intermediate language and culture class that aims to consolidate and expand the skills of listening comprehension, speaking, reading and writing in Spanish. Includes a comprehensive review of the grammar and reinforces linguistic acquisition through texts, movies, art and multi-media projects to acquaint students with cultural issues relevant to the Spanish-speaking world.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **Spanish Ab, Acd, 451-600 on the SAT II test or on the Harvard Placement Test, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Spanish
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
HCOL: Foreign Lang Citation	Spanish

Spanish 20 Section: 006

Intermediate Spanish: Language and Culture in the Hispanic World (125011)

Adriana Gutierrez

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An intermediate language and culture class that aims to consolidate and expand the skills of listening comprehension, speaking, reading and writing in Spanish. Includes a comprehensive review of the grammar and reinforces linguistic acquisition through texts, movies, art and multi-media projects to acquaint students with cultural issues relevant to the Spanish-speaking world.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **Spanish Ab, Acd, 451-600 on the SAT II test or on the Harvard Placement Test, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Spanish
HCOL: Foreign Lang Citation	Spanish
FAS: Course Level	Primarily for Undergraduate Students

Spanish 20 Section: 006

Intermediate Spanish: Language and Culture in the Hispanic World (125011)

Adriana Gutierrez

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An intermediate language and culture class that aims to consolidate and expand the skills of listening comprehension, speaking, reading and writing in Spanish. Includes a comprehensive review of the grammar and reinforces linguistic acquisition through texts, movies, art and multi-media projects to acquaint students with cultural issues relevant to the Spanish-speaking world.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **Spanish Ab, Acd, 451-600 on the SAT II test or on the Harvard Placement Test, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Spanish
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Spanish

Spanish 20 Section: 007

Intermediate Spanish: Language and Culture in the Hispanic World (125011)

Adriana Gutierrez

Jorge Arteta

2020 Spring (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An intermediate language and culture class that aims to consolidate and expand the skills of listening comprehension, speaking, reading and writing in Spanish. Includes a comprehensive review of the grammar and reinforces linguistic acquisition through texts, movies, art and multi-media projects to acquaint students with cultural issues relevant to the Spanish-speaking world.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **Spanish Ab, Acd, 451-600 on the SAT II test or on the Harvard Placement Test, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Spanish
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Spanish

Spanish 20 Section: 007

Intermediate Spanish: Language and Culture in the Hispanic World (125011)

Adriana Gutierrez

2019 Fall (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An intermediate language and culture class that aims to consolidate and expand the skills of listening comprehension, speaking, reading and writing in Spanish. Includes a comprehensive review of the grammar and reinforces linguistic acquisition through texts, movies, art and multi-media projects to acquaint students with cultural issues relevant to the Spanish-speaking world.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **Spanish Ab, Acd, 451-600 on the SAT II test or on the Harvard Placement Test, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Spanish
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Spanish
FAS: Course Level	Primarily for Undergraduate Students

Spanish 30

Upper-level Spanish: Four Countries and their Cultures (114200)

Johanna Damgaard Liander

2019 Fall (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An advanced language class that reinforces the practice of oral and written communication in Spanish through topics in contemporary cultural materials from Spain and Latin America. Students will focus on improving proficiency, refining pronunciation and acquiring vocabulary. In addition to in-class discussions, course work involves grammar review and practice in writing. Consult course website for current semester topics.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **A score between 601-680 on the SAT II test or on the Harvard**

Placement Test, Spanish C, or permission of course head.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Spanish
HCOL: Foreign Lang Citation	Spanish

Spanish 30

Upper-level Spanish: Four Countries and their Cultures (114200)

Johanna Damgaard Liander

2020 Spring (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An advanced language class that reinforces the practice of oral and written communication in Spanish through topics in contemporary cultural materials from Spain and Latin America. Students will focus on improving proficiency, refining pronunciation and acquiring vocabulary. In addition to in-class discussions, course work involves grammar review and practice in writing. Consult course website for current semester topics.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **A score between 601-680 on the SAT II test or on the Harvard Placement Test, Spanish C, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Spanish
FAS: Meets Foreign Lang Req	Spanish

Spanish 30 Section: 002

Upper-level Spanish: Four Countries and their Cultures (114200)

Johanna Damgaard Liander

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An advanced language class that reinforces the practice of oral and written communication in Spanish through topics in contemporary cultural materials from Spain and Latin America. Students will focus on

improving proficiency, refining pronunciation and acquiring vocabulary. In addition to in-class discussions, course work involves grammar review and practice in writing. Consult course website for current semester topics.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **A score between 601-680 on the SAT II test or on the Harvard Placement Test, Spanish C, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Spanish
FAS: Course Level	Primarily for Undergraduate Students
HCOL: Foreign Lang Citation	Spanish
FAS Divisional Distribution	None

Spanish 30 Section: 002

Upper-level Spanish: Four Countries and their Cultures (114200)

Johanna Damgaard Liander

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An advanced language class that reinforces the practice of oral and written communication in Spanish through topics in contemporary cultural materials from Spain and Latin America. Students will focus on improving proficiency, refining pronunciation and acquiring vocabulary. In addition to in-class discussions, course work involves grammar review and practice in writing. Consult course website for current semester topics.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **A score between 601-680 on the SAT II test or on the Harvard Placement Test, Spanish C, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Spanish
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	Spanish

Spanish 30 Section: 003

Upper-level Spanish: Four Countries and their Cultures (114200)

Johanna Damgaard Liander

2020 Spring (4 Credits) **Schedule:** MWF 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An advanced language class that reinforces the practice of oral and written communication in Spanish through topics in contemporary cultural materials from Spain and Latin America. Students will focus on improving proficiency, refining pronunciation and acquiring vocabulary. In addition to in-class discussions, course work involves grammar review and practice in writing. Consult course website for current semester topics.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **A score between 601-680 on the SAT II test or on the Harvard Placement Test, Spanish C, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Spanish
HCOL: Foreign Lang Citation	Spanish
FAS: Course Level	Primarily for Undergraduate Students

Spanish 30 Section: 003

Upper-level Spanish: Four Countries and their Cultures (114200)

Johanna Damgaard Liander

2019 Fall (4 Credits) **Schedule:** MWF 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An advanced language class that reinforces the practice of oral and written communication in Spanish through topics in contemporary cultural materials from Spain and Latin America. Students will focus on improving proficiency, refining pronunciation and acquiring vocabulary. In addition to in-class discussions, course work involves grammar review and practice in writing. Consult course website for current semester topics.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **A score between 601-680 on the SAT II test or on the Harvard Placement Test, Spanish C, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Spanish
FAS: Meets Foreign Lang Req	Spanish
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Spanish 30 Section: 004

Upper-level Spanish: Four Countries and their Cultures (114200)

Johanna Damgaard Liander

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An advanced language class that reinforces the practice of oral and written communication in Spanish through topics in contemporary cultural materials from Spain and Latin America. Students will focus on improving proficiency, refining pronunciation and acquiring vocabulary. In addition to in-class discussions, course work involves grammar review and practice in writing. Consult course website for current semester topics.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **A score between 601-680 on the SAT II test or on the Harvard Placement Test, Spanish C, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Spanish
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Spanish
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Spanish 30 Section: 004

Upper-level Spanish: Four Countries and their Cultures (114200)

Johanna Damgaard Liander

2020 Spring (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An advanced language class that reinforces the practice of oral and written communication in Spanish through topics in contemporary cultural materials from Spain and Latin America. Students will focus on improving proficiency, refining pronunciation and acquiring vocabulary. In addition to in-class discussions, course work involves grammar review and practice in writing. Consult course website for current semester topics.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **A score between 601-680 on the SAT II test or on the Harvard Placement Test, Spanish C, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Spanish
FAS: Course Level	Primarily for Undergraduate Students
HCOL: Foreign Lang Citation	Spanish
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Spanish 30 Section: 005

Upper-level Spanish: Four Countries and their Cultures (114200)

Johanna Damgaard Liander

2020 Spring (4 Credits) **Schedule:** MWF 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An advanced language class that reinforces the practice of oral and written communication in Spanish through topics in contemporary cultural materials from Spain and Latin America. Students will focus on improving proficiency, refining pronunciation and acquiring vocabulary. In addition to in-class discussions, course work involves grammar review and practice in writing. Consult course website for current semester topics.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **A score between 601-680 on the SAT II test or on the Harvard Placement Test, Spanish C, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	Spanish
FAS: Meets Foreign Lang Req	Spanish

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Spanish 30 Section: 005

Upper-level Spanish: Four Countries and their Cultures (114200)

Johanna Damgaard Liander

2019 Fall (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An advanced language class that reinforces the practice of oral and written communication in Spanish through topics in contemporary cultural materials from Spain and Latin America. Students will focus on improving proficiency, refining pronunciation and acquiring vocabulary. In addition to in-class discussions, course work involves grammar review and practice in writing. Consult course website for current semester topics.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.**

This course is taught by members of the Department.

Recommended Prep: **A score between 601-680 on the SAT II test or on the Harvard Placement Test, Spanish C, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Spanish
HCOL: Foreign Lang Citation	Spanish
FAS Divisional Distribution	None

Spanish 30 Section: 006

Upper-level Spanish: Four Countries and their Cultures (114200)

Johanna Damgaard Liander

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An advanced language class that reinforces the practice of oral and written communication in Spanish through topics in contemporary cultural materials from Spain and Latin America. Students will focus on improving proficiency, refining pronunciation and acquiring vocabulary. In addition to in-class discussions, course work involves grammar review and practice in writing. Consult course website for current semester topics.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they**

are linguistically prepared.

This course is taught by members of the Department.

Recommended Prep: **A score between 601-680 on the SAT II test or on the Harvard Placement Test, Spanish C, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	Spanish
FAS: Meets Foreign Lang Req	Spanish

Spanish 40

Advanced Spanish Language I: Viewing the Hispanic World (125014)

Johanna Damgaard Liander

2020 Spring (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An advanced language and culture class that further develops linguistic competence using a region or regions of the Hispanic world as a focus for class discussion, grammar review, and an introduction to Hispanic social contexts and texts. Course materials may also include films, interviews, paintings, photography, music, selections from the press, as well as literary or historical readings. Frequent written and oral assignments, and a thorough review of grammar. Consult course website for current semester topics.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared. This course is taught by members of the Department.**

Recommended Prep: **A score between 681-720 on the SAT II test or on the Harvard Placement Test, AP 5, Spanish 30, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Spanish
HCOL: Foreign Lang Citation	Spanish
All: Cross Reg Availability	Available for Harvard Cross Registration

Spanish 40

Advanced Spanish Language I: Viewing the Hispanic World (125014)

Johanna Damgaard Liander

2019 Fall (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An advanced language and culture class that further develops linguistic competence using a region or regions of the Hispanic world as a focus for class discussion, grammar review, and an introduction to Hispanic social contexts and texts. Course materials may also include films, interviews, paintings, photography, music, selections from the press, as well as literary or historical readings. Frequent written and oral assignments, and a thorough review of grammar. Consult course website for current semester topics.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared. This course is taught by members of the Department.**

Recommended Prep: **A score between 681-720 on the SAT II test or on the Harvard Placement Test, AP 5, Spanish 30, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Spanish
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Spanish
All: Cross Reg Availability	Available for Harvard Cross Registration

Spanish 40 Section: 002

Advanced Spanish Language I: Viewing the Hispanic World (125014)

Johanna Damgaard Liander

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An advanced language and culture class that further develops linguistic competence using a region or regions of the Hispanic world as a focus for class discussion, grammar review, and an introduction to Hispanic social contexts and texts. Course materials may also include films, interviews, paintings, photography, music, selections from the press, as well as literary or historical readings. Frequent written and oral assignments, and a thorough review of grammar. Consult course website for current semester topics.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared. This course is taught by members of the Department.**

Recommended Prep: **A score between 681-720 on the SAT II test or on the Harvard Placement Test, AP 5, Spanish 30, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Spanish

FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Spanish

Spanish 40 Section: 002

Advanced Spanish Language I: Viewing the Hispanic World (125014)

Johanna Damgaard Liander

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An advanced language and culture class that further develops linguistic competence using a region or regions of the Hispanic world as a focus for class discussion, grammar review, and an introduction to Hispanic social contexts and texts. Course materials may also include films, interviews, paintings, photography, music, selections from the press, as well as literary or historical readings. Frequent written and oral assignments, and a thorough review of grammar. Consult course website for current semester topics.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared. This course is taught by members of the Department.**

Recommended Prep: **A score between 681-720 on the SAT II test or on the Harvard Placement Test, AP 5, Spanish 30, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Spanish
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Spanish

Spanish 40 Section: 003

Advanced Spanish Language I: Viewing the Hispanic World (125014)

Johanna Damgaard Liander

2020 Spring (4 Credits) **Schedule:** MWF 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An advanced language and culture class that further develops linguistic competence using a region or regions of the Hispanic world as a focus for class discussion, grammar review, and an introduction to Hispanic social contexts and texts. Course materials may also include films, interviews, paintings, photography, music, selections from the press, as well as literary or historical readings. Frequent written and oral assignments, and a thorough review of grammar. Consult course website for current semester topics.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the**

recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared. This course is taught by members of the Department.

Recommended Prep: **A score between 681-720 on the SAT II test or on the Harvard Placement Test, AP 5, Spanish 30, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Spanish
HCOL: Foreign Lang Citation	Spanish
All: Cross Reg Availability	Available for Harvard Cross Registration

Spanish 40 Section: 003

Advanced Spanish Language I: Viewing the Hispanic World (125014)

Johanna Damgaard Liander

2019 Fall (4 Credits) **Schedule:** MWF 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An advanced language and culture class that further develops linguistic competence using a region or regions of the Hispanic world as a focus for class discussion, grammar review, and an introduction to Hispanic social contexts and texts. Course materials may also include films, interviews, paintings, photography, music, selections from the press, as well as literary or historical readings. Frequent written and oral assignments, and a thorough review of grammar. Consult course website for current semester topics.

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Recommended Prep: **A score between 681-720 on the SAT II test or on the Harvard Placement Test, AP 5, Spanish 30, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Spanish
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Spanish
FAS: Course Level	Primarily for Undergraduate Students

Spanish 40 Section: 004

Advanced Spanish Language I: Viewing the Hispanic World (125014)

Johanna Damgaard Liander

2019 Fall (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An advanced language and culture class that further develops linguistic competence using a region or regions of the Hispanic world as a focus for class discussion, grammar review, and an introduction to Hispanic social contexts and texts. Course materials may also include films, interviews, paintings, photography, music, selections from the press, as well as literary or historical readings. Frequent written and oral assignments, and a thorough review of grammar. Consult course website for current semester topics.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared. This course is taught by members of the Department.**

Recommended Prep: **A score between 681-720 on the SAT II test or on the Harvard Placement Test, AP 5, Spanish 30, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Spanish
FAS: Meets Foreign Lang Req	Spanish
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Spanish 40 Section: 004

Advanced Spanish Language I: Viewing the Hispanic World (125014)

Johanna Damgaard Liander

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An advanced language and culture class that further develops linguistic competence using a region or regions of the Hispanic world as a focus for class discussion, grammar review, and an introduction to Hispanic social contexts and texts. Course materials may also include films, interviews, paintings, photography, music, selections from the press, as well as literary or historical readings. Frequent written and oral assignments, and a thorough review of grammar. Consult course website for current semester topics.

Course Notes: **Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared. This course is taught by members of the Department.**

Recommended Prep: **A score between 681-720 on the SAT II test or on the Harvard Placement Test, AP 5, Spanish 30, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Spanish
FAS: Meets Foreign Lang Req	Spanish
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Spanish 49H

Languaging and the Latinx identities (109820)

Maria Parra-Velasco

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course builds on students' knowledge of Spanish to explore the relationship between their languaging practices and their Latinx identities. Understanding languages as a way of knowing and meaning making, we use a variety of texts, genres, music, videos, films and visual arts to engage in discussions about family heritage, migration, and Latinx cultural and linguistic traditions and innovations. Students will strengthen their oral and written abilities, expand their interpersonal, interpretive and performative resources for languaging in informal and academic contexts.

Course Notes: **Spanish 49h was formerly Spanish 35; therefore, students cannot take 49h if they've already taken 35. Spanish 49h should be a prerequisite for 59h (or permission of the instructor).**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Spanish
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Spanish
FAS: Course Level	Primarily for Undergraduate Students

Spanish 50

Advanced Spanish II: Creative Writing and Performance (115920)

Adriana Gutierrez

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An advanced language course designed to strengthen and develop competence in written expression. Close reading of texts in literary and non-literary genres will help students refine personal style. The performance of short excerpts of plays, combined with advanced work on oral expression and phonetics, will help students increase their fluency and ease of expression.

Course Notes: **Conducted in Spanish. Recommended for concentrators. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.**

Recommended Prep: **A score between 721-750 on the SAT II test or on the Harvard**

Placement Test, Spanish 40, or permission of course head.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Spanish
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Spanish

Spanish 50

Advanced Spanish II: Creative Writing and Performance (115920)

Adriana Gutierrez

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An advanced language course designed to strengthen and develop competence in written expression. Close reading of texts in literary and non-literary genres will help students refine personal style. The performance of short excerpts of plays, combined with advanced work on oral expression and phonetics, will help students increase their fluency and ease of expression.

Course Notes: **Conducted in Spanish. Recommended for concentrators. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.**

Recommended Prep: **A score between 721-750 on the SAT II test or on the Harvard Placement Test, Spanish 40, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Spanish
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Spanish
FAS Divisional Distribution	Arts and Humanities

Spanish 50 Section: 002

Advanced Spanish II: Creative Writing and Performance (115920)

Adriana Gutierrez

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An advanced language course designed to strengthen and develop competence in written expression. Close reading of texts in literary and non-literary genres will help students refine personal style. The performance of short excerpts of plays, combined with advanced work on oral expression and phonetics, will help students increase their fluency and ease of expression.

Course Notes: **Conducted in Spanish. Recommended for concentrators. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not**

open to auditors. This course is taught by members of the Department.

Recommended Prep: **A score between 721-750 on the SAT II test or on the Harvard Placement Test, Spanish 40, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Spanish
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Spanish
FAS: Course Level	Primarily for Undergraduate Students

Spanish 50 Section: 002

Advanced Spanish II: Creative Writing and Performance (115920)

Adriana Gutierrez

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An advanced language course designed to strengthen and develop competence in written expression. Close reading of texts in literary and non-literary genres will help students refine personal style. The performance of short excerpts of plays, combined with advanced work on oral expression and phonetics, will help students increase their fluency and ease of expression.

Course Notes: **Conducted in Spanish. Recommended for concentrators. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.**

Recommended Prep: **A score between 721-750 on the SAT II test or on the Harvard Placement Test, Spanish 40, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Spanish
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Spanish
FAS Divisional Distribution	Arts and Humanities

Spanish 50 Section: 003

Advanced Spanish II: Creative Writing and Performance (115920)

Adriana Gutierrez

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An advanced language course designed to strengthen and develop competence in written expression. Close reading of texts in literary and non-literary genres will help students refine personal style. The performance of short excerpts of plays, combined with advanced work on oral expression and phonetics, will help students increase their fluency and ease of expression.

Course Notes: **Conducted in Spanish. Recommended for concentrators. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.**

Recommended Prep: **A score between 721-750 on the SAT II test or on the Harvard Placement Test, Spanish 40, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Spanish
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Spanish

Spanish 50 Section: 004

Advanced Spanish II: Creative Writing and Performance (115920)

Adriana Gutierrez

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An advanced language course designed to strengthen and develop competence in written expression. Close reading of texts in literary and non-literary genres will help students refine personal style. The performance of short excerpts of plays, combined with advanced work on oral expression and phonetics, will help students increase their fluency and ease of expression.

Course Notes: **Conducted in Spanish. Recommended for concentrators. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.**

Recommended Prep: **A score between 721-750 on the SAT II test or on the Harvard Placement Test, Spanish 40, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Spanish
HCOL: Foreign Lang Citation	Spanish

Spanish 50 Section: 004

Advanced Spanish II: Creative Writing and Performance (115920)

Adriana Gutierrez

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An advanced language course designed to strengthen and develop competence in written expression. Close reading of texts in literary and non-literary genres will help students refine personal style. The

performance of short excerpts of plays, combined with advanced work on oral expression and phonetics, will help students increase their fluency and ease of expression.

Course Notes: **Conducted in Spanish. Recommended for concentrators. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.**

Recommended Prep: **A score between 721-750 on the SAT II test or on the Harvard Placement Test, Spanish 40, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Spanish
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Spanish
All: Cross Reg Availability	Available for Harvard Cross Registration

Spanish 59

Spanish and the Community (115919)

Maria Parra-Velasco

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

An advanced language course that examines the richness and complexity of the Latino experience in the US while promoting community engagement as a vehicle for greater linguistic fluency and cultural understanding. Students are placed with community organizations within the Boston area and volunteer for four hours a week. Class work focuses on expanding students' oral and written proficiency in Spanish through discussing and analyzing readings, arts, and films by and about Latinos in the US.

Course Notes: **Not open to auditors.**

Recommended Prep: **A score between 721-750 on the SAT II test or on the Harvard Placement Test, Spanish 40 or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Spanish
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Spanish

Spanish 59

Spanish and the Community (115919)

Maria Parra-Velasco

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An advanced language course that examines the richness and complexity of the Latino experience in the US while promoting community engagement as a vehicle for greater linguistic fluency and cultural understanding. Students are placed with community organizations within the Boston area and volunteer for four hours a week. Class work focuses on expanding students' oral and written proficiency in Spanish through discussing and analyzing readings, arts, and films by and about Latinos in the US.

Course Notes: **Not open to auditors.**

Recommended Prep: **A score between 721-750 on the SAT II test or on the Harvard Placement Test, Spanish 40 or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Spanish
FAS: Meets Foreign Lang Req	Spanish
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Spanish 59H

Spanish for Latino Students II: Connecting with Communities (159938)

Maria Parra-Velasco

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

An advanced language course for Spanish heritage learners that aims to: strengthen students' oral and written linguistic range, with emphasis on Spanish use for academic contexts; and to further develop students' critical language and social awareness around important issues for Latinos in our globalized era: Spanish as global language, identity, language rights, global migration and labor, U.S.-Latino America relations, food and environment, the 'war on drugs'. Students explore these topics through various genres (newspapers and academic articles, debates, literary essays, short novels, poetry, visual art, film and music) and through 4 hours a week of community service.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Spanish
HCOL: Foreign Lang Citation	Portuguese

Spanish 61N

The Ethics of Business in Latin America (127573)

Adriana Gutierrez

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An advanced language and culture class that examines literature and films portraying the political,

sociological, financial and environmental impact of multinational companies doing business in Latin America. Students' linguistic competency is developed through discussion of the ethics of business, grammar reviews, and weekly writing assignments. Students will also choose a specific project for a business in Latin America and research its possible outcome and social, political, and environmental consequences.

Course Notes: **Not open to auditors. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students.**

Recommended Prep: **A score between 751 and 780 on the SAT II test or Harvard Placement test, a Spanish 50-level course, or permission of course head. Students are allowed to take a maximum of two courses at the 60-level in Spanish, not including Spanish 60.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Spanish
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Spanish
All: Cross Reg Availability	Available for Harvard Cross Registration

Spanish 61N Section: 002

The Ethics of Business in Latin America (127573)

Adriana Gutierrez

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An advanced language and culture class that examines literature and films portraying the political, sociological, financial and environmental impact of multinational companies doing business in Latin America. Students' linguistic competency is developed through discussion of the ethics of business, grammar reviews, and weekly writing assignments. Students will also choose a specific project for a business in Latin America and research its possible outcome and social, political, and environmental consequences.

Course Notes: **Not open to auditors. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students.**

Recommended Prep: **A score between 751 and 780 on the SAT II test or Harvard Placement test, a Spanish 50-level course, or permission of course head. Students are allowed to take a maximum of two courses at the 60-level in Spanish, not including Spanish 60.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Spanish
FAS: Course Level	Primarily for Undergraduate Students
HCOL: Foreign Lang Citation	Spanish

Spanish 61PH

Spanish for Public Health (205383)

Adriana Gutierrez

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An advanced language and culture class that examines literature, documentary, films, journalistic articles and other media portraying the cultural, political, sociological and financial impact of Public Health issues in Latin America. Students' linguistic competency is developed through discussion of the issues of public health. Grammar reviews, and weekly writing assignments. Students will also choose a specific project for a Public Health issue in Latin America and research its possible outcome and cultural, social, political, economic consequences.

Course Notes: **Interested students must apply in writing to Dr. Gutiérrez no later than January 15. Not open to auditors. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students.**

Recommended Prep: **Prerequisite: A score between 751 and 780 on the SAT II test or Harvard Placement test, a Spanish 50-level course, or permission of course head. Students are allowed to take a maximum of two courses at the 60-level in Spanish, not including Spanish 60.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Spanish 61PH Section: 002

Spanish for Public Health (205383)

Adriana Gutierrez

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

An advanced language and culture class that examines literature, documentary, films, journalistic articles and other media portraying the cultural, political, sociological and financial impact of Public Health issues in Latin America. Students' linguistic competency is developed through discussion of the issues of public health. Grammar reviews, and weekly writing assignments. Students will also choose a specific project for a Public Health issue in Latin America and research its possible outcome and cultural, social, political, economic consequences.

Course Notes: **Interested students must apply in writing to Dr. Gutiérrez no later than January 15. Not open to auditors. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students.**

Recommended Prep: **Prerequisite: A score between 751 and 780 on the SAT II test or Harvard Placement test, a Spanish 50-level course, or permission of course head. Students are allowed to take a maximum of two courses at the 60-level in Spanish, not including Spanish 60.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Spanish 70A

Hispanic Literature: the Middle Ages (110853)

Luis Giron Negron

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to the study of medieval Spanish literature from its origins through the 15th century. Close reading of representative works (both prose and verse) framed in historical context: Cantar de Mío Cid, Milagros de Nuestra Señora, Libro de buen amor, Conde Lucanor, Laberinto de Fortuna, Coplas a la muerte de su padre, Cárcel de amor and La Celestina. Attention to critical approaches and themes in medieval literary studies (e.g. orality and poetics, historicism, folklore and narratology).

Course Notes: **Conducted in Spanish. This course includes student art-making as part of the Harvard Arts Initiative.**

Recommended Prep: **A score above 780 on the SAT II or the Harvard Placement test; a 40-, 50-, or 60-level course in Spanish; or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Spanish
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Spanish

Spanish 72

Introduction to Contemporary Spanish Literature and Culture (207836)

Raquel Vega-Duran

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course introduces students to the literature, history, and visual culture of contemporary Spain from the 18th century through the first eighteen years of the 21st century. We will study representative short stories, poems, plays, novellas, essays, paintings, photographs, and films from the Spanish War of Independence, the "disaster" of 1898, the Surrealist movement, the Spanish Civil War and the Republican Exile, Franco's Dictatorship and the Transition to Democracy, the "Movida Madrileña," and the literature of the "New Spaniards." Through visual and written works by Goya, Galdós, Campoamor, Bécquer, Pardo Bazán, Azorín, Unamuno, Lorca, Machado, Buñuel, Laforet, Matute, Almodóvar, Martín Gaite, Puértolas, and others, students will gain a general knowledge and appreciation for the main works, periods, and authors of contemporary Spain, and will appreciate the uniqueness and diversity of Spanish culture by establishing transnational relations between Spain and cultures from Latin America, North Africa, Asia, and Europe. All readings will be in Spanish, although we will look at texts originally written in Spanish, Catalan, Galician,

and Basque.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Spanish 80T

Words of Which History is Made: Translation Workshop on 20th-Century Spain (126860)

Daniel Aguirre-Oteiza

2020 Spring (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Through close readings and translations centering on 20th-century Spanish history and society, students hone their linguistic, grammatical, and stylistic skills, and acquire the interpretive skills required to comprehend and analyze increasingly complex literary and cultural texts. Course materials include short stories, poems, newspaper articles, memoirs, travel journals and historical essays.

Course Notes: **Conducted in Spanish. Recommended for concentrators.**

Recommended Prep: **A score of 800 on the SAT II test or on the Harvard Placement test, a previous course in Spanish at the 70-level, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
HCOL: Foreign Lang Citation	Spanish
FAS: Meets Foreign Lang Req	Spanish
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Spanish 81

Table Talk and Food Writing (205164)

Johanna Damgaard Liander

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

From classroom to kitchen, picnic or café, this advanced language and food culture course will examine the Spanish table, its history and origins, expansions and innovations, from medieval times to present-day molecular gastronomy. Frequent reading, viewing and writing assignments and classroom discussion are all designed to reinforce language skills and academic literacy in the target language. The course, along with all materials and assignments, is entirely in Spanish, primarily focusing on literary, historical, linguistic and sociological texts and topics from Spain –selections ranging from Harvard's vast culinary collection to the most current media- with reference to Latin America and the Latino community in the United States, as well.

Class Notes: **Class will ordinarily meet Monday and Wednesday 12-2:00, with 1.30-2.00 for individual, optional consultation with Dr. Liander. 6 hands-on cooking –and tasting- sessions are included each semester. Enrollment is limited to 16. Interested students must contact and interview with Dr. Liander before August 28, 2019.**

Recommended Prep: **A score of 750 or beyond on SAT II or Harvard Placement; previous enrollment in Spanish 50 or higher; or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Spanish
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Spanish 91R

Supervised Reading and Research (110852)

Maria Parra-Velasco

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Tutorial supervision of research on subjects not treated in regular courses.

Course Notes: **Limited to juniors and seniors. Students wishing to enroll must petition the Undergraduate Adviser in Spanish for approval, stating the proposed project, and must have the consent of the proposed instructor. Ordinarily, students are required to have taken some course work in the area as background for their project. May not be taken more than twice, and only once for concentration credit.**

This course is taught by members of the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Spanish
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Spanish 91R

Supervised Reading and Research (110852)

Maria Parra-Velasco

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Tutorial supervision of research on subjects not treated in regular courses.

Course Notes: **Limited to juniors and seniors. Students wishing to enroll must petition**

the Undergraduate Adviser in Spanish for approval, stating the proposed project, and must have the consent of the proposed instructor. Ordinarily, students are required to have taken some course work in the area as background for their project. May not be taken more than twice, and only once for concentration credit.

This course is taught by members of the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
HCOL: Foreign Lang Citation	Spanish
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Spanish 99A

Tutorial - Senior Year (117128)

Maria Parra-Velasco

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Weekly individual instruction for honors seniors writing a thesis. Completion of two terms of Spanish 99 is required of all seniors pursuing a thesis honors track. Part one of a two part series.

Course Notes: **For honors seniors writing a thesis. Successful completion of two terms of Spanish 99 is required of all thesis-track honors concentrators. Students who do not complete a thesis are required to submit a substantial paper in order to receive either half course or full course credit.**

This course is taught by members of the Department.

Recommended Prep: **Satisfactory completion of a junior tutorial and prior faculty approval of proposed thesis topic.**

Requirements: **Prerequisite: French 98 OR Italian 98 OR Portuguese 98 OR Spanish 98 OR Romance Studies 98 OR Latin American Studies 98**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Spanish
Full Year Course	Divisible Course

Spanish 99B

Tutorial - Senior Year (159855)

Maria Parra-Velasco

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Weekly individual instruction for honors seniors writing a thesis. Completion of two terms of Spanish 99 is required of all seniors pursuing a thesis honors track. Part two of a two part series.

Course Notes: **For honors seniors writing a thesis. Successful completion of two terms of Spanish 99 is required of all thesis-track honors concentrators. Students who do not complete a thesis are required to submit a substantial paper in order to receive either half course or full course credit.**

Recommended Prep: **Satisfactory completion of a junior tutorial and prior faculty approval of proposed thesis topic.**

Requirements: **Prerequisite: French 98 OR Italian 98 OR Portuguese 98 OR Spanish 98 OR Romance Studies 98 OR Latin American Studies 98**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Spanish
All: Cross Reg Availability	Not Available for Cross Registration
Full Year Course	Divisible Course
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students

Spanish 113

Cultural and Political Myth-Making: Eva Peron, Che Guevara, Simon Bolivar and La Malinche (205168)

Diana Sorensen

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Political power rests on concrete factors involved in the administration of public resources and the implementation of governmental policies. But it cannot be fully understood without examining cultural strategies of self presentation and the ways in which social groups respond to them. Myth-making is intrinsic to politics, and we will trace its workings in a few Latin American cases.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

Spanish 122

Spanish Film from Buñuel to Almodóvar (141012)

Raquel Vega-Duran

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

This course will examine a wide range of core Spanish films from directors such as Almodóvar, Amenábar,

Berlanga, Bollaín, Buñuel, Coixet, Erice, and León de Aranoa, among others. It will include analyses of prominent genres (drama, comedy, terror, fantasy, meta-cinema, sci-fi, noir) and will pay particular attention to key historical and cultural moments (the Spanish Civil War, film under dictatorship and democracy, censorship, "La movida," the economic crisis, the rise of immigration, etc.) from the 1940s to the present. Films with subtitles.

Course Notes: **Course will be conducted in Spanish.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Spanish 123

Afro-Latin America: History and Culture (215693)

Doris Sommer

Alejandro de la Fuente

2020 Spring (4 Credits) **Schedule:** W 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course explores how African cultural expressions influenced colonial societies and later national cultures in Latin America. How did peoples of African descent shape the formation of Latin American national cultures in areas such as literature, religion, visual arts, music, dance, and cinema? Some scholars have debated whether African religious, musical, medical and communitarian practices were reproduced in the New World or whether they were creolized through fusion with other (European and indigenous) practices. Others have sought to explain how African cultural practices (music, religion, dances) that were derided as primitive and uncivilized in the early twentieth century became "nationalized" and transformed into key expressions of national cultures in many Latin American countries. What are the implications of this process for those cultural forms and their practitioners? How do they impact, if at all, other areas of social life? We explore these questions through historical and literary texts, films, visual arts, and recordings.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Spanish 126

Performing Latinidad (110061)

Lorgia García Peña

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** 80

What exactly does the word "latinidad" mean? How has "the Latino" been constructed in U.S. culture? What has been the importance of "latinidad" in the social and political history of people of Latin American

descent in this country? What place does "latinidad" occupy within the North American academy? Our course attempts to respond to these inquiries through an analysis of Latino performance and its representation within particular literary and cultural productions: poetry, theater, film, and stand-up comedy.

Course Notes: **Class will be conducted in English. Discussions in English and Spanish according to class composition.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Spanish
All: Cross Reg Availability	Available for Harvard Cross Registration

Spanish 165

Bilingual Arts (114477)

Doris Sommer

2020 Spring (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Bilingual practices are everywhere, though we are just beginning to address them in academic disciplines. We will explore the aesthetic dimensions of bilingualism, and some effects in related areas, including politics, language philosophy, and psychology. How do bilingual language games increase political flexibility, or threaten personal or national coherence? Topics will include 1) formalist appreciations; 2) exile as incitation to write; 3) Gains and Losses of heteroglossia; 4) Hybrid Games; 5) Political dialogues; 6) Code-Switching and Creativity; 7) Bilingual Theater, Music and Film; 8) The art of translation; 9) Bicultural Spaces. Readings in prose and poetry by international authors and theorists. Taught weekly, including guest lectures by, and discussions with, anthropologists, linguists, writers, and cultural critics who have worked on this subject.

Course Notes: **Conducted in Spanish and English.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

Spanish 171

Barcelona and the Catalan Culture (109775)

Aina Obis Monne

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The course offers an interdisciplinary approach to Barcelona, a multilayered space furnished by Roman, French, Muslim, and Spanish legacies that shaped a singular culture and language. Developing from periods of egalitarian social and political institutions in the Middle Ages to strong socioeconomic industrial

development in the 19th century and later tourism, Spain's most European city is inscribed by a deep sense of civic and industrious society permanently seeking innovation and modernity, yet facing the consequences of its complex past. Through readings of historians, art critics, urban designers, and writers, and supported by visual materials, the course offers an integrated perspective which opens questions in every field of the Humanities and the Social Sciences on Catalan and Hispanic Cultures.

Course Notes: **The course will be conducted in Spanish. The readings will be in English & Spanish.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Spanish
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Spanish
All: Cross Reg Availability	Available for Harvard Cross Registration

Spanish 270

The Warning in its Music: Politics of the Poem in 20th Century Spain (161249)

Daniel Aguirre-Oteiza

2020 Spring (4 Credits) **Schedule:** R 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This graduate seminar proposes an exploration of the fraught connection between political engagement and textual innovation in poetry written in and about 20th Century Spain. We will discuss key texts by Max Aub, Luis Cernuda, Rubén Darío, Antonio Gamoneda, Federico García Lorca, Antonio Machado, Pablo Neruda, Chus Pato, Tomás Segovia, and César Vallejo, among others. Focus on topics such as violence, testimony, memory, exile. Theoretical and critical readings include essays by T.W. Adorno, Hannah Arendt, Michel De Certeau, Paul Celan, Carolyn Forché, Claudio Guillén, Eduardo Milán, Octavio Paz, Jahan Ramazani, Jacques Rancière, Elaine Scarry, Raymond Williams, and Slavoj Zizek.

Course Notes: **Conducted in Spanish.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities

Spanish 320

Spanish and Hispanic-American Literature: Supervised Reading and Research (143013)

Daniel Aguirre-Oteiza

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Spanish 320 Section: 003

Spanish and Hispanic-American Literature: Supervised Reading and Research (143013)

Carmen Oquendo Villar

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Spanish 320 Section: 004

Spanish and Hispanic-American Literature: Supervised Reading and Research (143013)

Lorgia García Peña

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Spanish 320 Section: 004

Spanish and Hispanic-American Literature: Supervised Reading and Research (143013)

Lorgia García Peña

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

FAS Divisional Distribution	None

Spanish 320 Section: 006

Spanish and Hispanic-American Literature: Supervised Reading and Research (143013)

Luis Giron Negron

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Spanish 320 Section: 006

Spanish and Hispanic-American Literature: Supervised Reading and Research (143013)

Luis Giron Negron

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Spanish 320 Section: 007

Spanish and Hispanic-American Literature: Supervised Reading and Research (143013)

Mariano Siskind

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Spanish 320 Section: 007

Spanish and Hispanic-American Literature: Supervised Reading and Research (143013)

Mariano Siskind

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Spanish 320 Section: 008

Spanish and Hispanic-American Literature: Supervised Reading and Research (143013)

Doris Sommer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Spanish 320 Section: 008

Spanish and Hispanic-American Literature: Supervised Reading and Research (143013)

Doris Sommer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Spanish 320 Section: 009

Spanish and Hispanic-American Literature: Supervised Reading and Research (143013)

Diana Sorensen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Spanish 320 Section: 009

Spanish and Hispanic-American Literature: Supervised Reading and Research (143013)

Diana Sorensen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Spanish 330

Direction of Doctoral Dissertations (111278)

Daniel Aguirre-Oteiza

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Spanish 330 Section: 002

Direction of Doctoral Dissertations (111278)

Josiah Blackmore

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Spanish 330 Section: 002

Direction of Doctoral Dissertations (111278)

Josiah Blackmore

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
No FAINFO	300 or 3000 level class, do not generate FAINFO
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Spanish 330 Section: 003

Direction of Doctoral Dissertations (111278)

Bruno Carvalho

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Spanish 330 Section: 003

Direction of Doctoral Dissertations (111278)

Bruno Carvalho

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Graduate Course

Spanish 330 Section: 005

Direction of Doctoral Dissertations (111278)

Lorgia García Peña

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Spanish 330 Section: 005

Direction of Doctoral Dissertations (111278)

Lorgia García Peña

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Spanish 330 Section: 006

Direction of Doctoral Dissertations (111278)

Mary Gaylord

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Spanish 330 Section: 006

Direction of Doctoral Dissertations (111278)

Mary Gaylord

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Spanish 330 Section: 007

Direction of Doctoral Dissertations (111278)

Luis Giron Negron

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Spanish 330 Section: 007

Direction of Doctoral Dissertations (111278)

Luis Giron Negron

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Spanish 330 Section: 008

Direction of Doctoral Dissertations (111278)

Mariano Siskind

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Spanish 330 Section: 008

Direction of Doctoral Dissertations (111278)

Mariano Siskind

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Spanish 330 Section: 009

Direction of Doctoral Dissertations (111278)

Doris Sommer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Spanish 330 Section: 009

Direction of Doctoral Dissertations (111278)

Doris Sommer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Spanish 330 Section: 010

Direction of Doctoral Dissertations (111278)

Diana Sorensen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Spanish 330 Section: 010

Direction of Doctoral Dissertations (111278)

Diana Sorensen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Subject: Italian

Italian 10

Beginning Italian I: Pathways to Italy (113814)

Elvira G. DiFabio

2019 Fall (4 Credits) **Schedule:** MTWR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

For students with little or no knowledge of Italian. Aims at achieving basic communication skills and vocabulary. Emphasis on oral expression and listening comprehension. The cultural component examines

everyday life through a comparative perspective: families, shopping, food culture. This course will give you the language you need to communicate effectively in Italy, and is the best way to prepare for a summer study in Italy. Course materials include workbook, audio-lab, and video.

Course Notes: **Conducted in Italian. Students whose placement score does not entitle them to enter a more advanced course are assigned to Italian 10. Students who have studied Italian for two years or more in secondary school must begin at Italian 11 or higher. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Italian
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students

Italian 10

Beginning Italian I: Pathways to Italy (113814)

Elvira G. DiFabio

2020 Spring (4 Credits) **Schedule:** MTWR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

For students with little or no knowledge of Italian. Aims at achieving basic communication skills and vocabulary. Emphasis on oral expression and listening comprehension. The cultural component examines everyday life through a comparative perspective: families, shopping, food culture. This course will give you the language you need to communicate effectively in Italy, and is the best way to prepare for a summer study in Italy. Course materials include workbook, audio-lab, and video.

Course Notes: **Conducted in Italian. Students whose placement score does not entitle them to enter a more advanced course are assigned to Italian 10. Students who have studied Italian for two years or more in secondary school must begin at Italian 11 or higher. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Italian

Italian 10 Section: 002

Beginning Italian I: Pathways to Italy (113814)

Elvira G. DiFabio

2019 Fall (4 Credits) **Schedule:** MTWR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

For students with little or no knowledge of Italian. Aims at achieving basic communication skills and vocabulary. Emphasis on oral expression and listening comprehension. The cultural component examines everyday life through a comparative perspective: families, shopping, food culture. This course will give you the language you need to communicate effectively in Italy, and is the best way to prepare for a summer study in Italy. Course materials include workbook, audio-lab, and video.

Course Notes: **Conducted in Italian. Students whose placement score does not entitle them to enter a more advanced course are assigned to Italian 10. Students who have studied Italian for two years or more in secondary school must begin at Italian 11 or higher. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Italian

Italian 11

Beginning Italian II: The Art and Craft of Italy (125061)

Elvira G. DiFabio

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Italian 10, second semester beginning level. Increasing emphasis on reading and writing. The cultural component includes units on fashion, music, literature and film, as well as capsules on the history of modern Italy, through select readings and a feature-length film. Course materials include workbook, audio-lab and video.

Course Notes: **May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.**

Recommended Prep: **Italian 10, or a score of 301-450 on the SAT II test or the Harvard Placement test, or a score below 3 on the Italian AP exam, or two years of high school Italian, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Italian
FAS Divisional Distribution	None

Italian 11

Beginning Italian II: The Art and Craft of Italy (125061)

Elvira G. DiFabio

2020 Spring (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Italian 10, second semester beginning level. Increasing emphasis on reading and writing. The cultural component includes units on fashion, music, literature and film, as well as capsules on the history of modern Italy, through select readings and a feature-length film. Course materials include workbook, audio-lab and video.

Course Notes: **May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.**

Recommended Prep: **Italian 10, or a score of 301-450 on the SAT II test or the Harvard Placement test, or a score below 3 on the Italian AP exam, or two years of high school Italian, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Italian

Italian 11 Section: 002

Beginning Italian II: The Art and Craft of Italy (125061)

Elvira G. DiFabio

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Italian 10, second semester beginning level. Increasing emphasis on reading and writing. The cultural component includes units on fashion, music, literature and film, as well as capsules on the history of modern Italy, through select readings and a feature-length film. Course materials include workbook, audio-lab and video.

Course Notes: **May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.**

Recommended Prep: **Italian 10, or a score of 301-450 on the SAT II test or the Harvard Placement test, or a score below 3 on the Italian AP exam, or two years of high school Italian, or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Italian
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students

Italian 15

Intensive Beginning Italian: Special Course: Gateway to Italy (112340)

Elvira G. DiFabio

2020 Spring (8 Credits) **Schedule:** MTWRF 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A complete first-year course in one term for students with no knowledge of Italian, focused on developing all four communicative skills. Students are introduced to contemporary Italian culture through a variety of topics from everyday life (family, shopping, food, fashion) to the arts (music, literature, cinema). Materials include films and cultural readings that present capsules on the history of modern Italy. Excellent choice for students planning to study in Italy.

Course Notes: **Not open to auditors. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students.**

Recommended Prep: **An advanced knowledge of at least one foreign language, preferably a modern Romance language, but no previous study of Italian.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Italian
FAS: Course Level	Primarily for Undergraduate Students

Italian 15

Intensive Beginning Italian: Special Course: Gateway to Italy (112340)

Elvira G. DiFabio

2019 Fall (8 Credits) **Schedule:** MTWRF 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

A complete first-year course in one term for students with no knowledge of Italian, focused on developing all four communicative skills. Students are introduced to contemporary Italian culture through a variety of topics from everyday life (family, shopping, food, fashion) to the arts (music, literature, cinema). Materials include films and cultural readings that present capsules on the history of modern Italy. Excellent choice for students planning to study in Italy.

Course Notes: **Not open to auditors. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students.**

Recommended Prep: **An advanced knowledge of at least one foreign language, preferably a modern Romance language, but no previous study of Italian.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Italian 16

Reading, Understanding and Translating Written Italian for Research (113582)

Elvira G. DiFabio

2019 Fall (4 Credits) **Schedule:** TR 0430 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

For students (both undergraduate and graduate) with little or no knowledge of Italian. Aims at the rapid development of reading skills as a tool for research. Selections of materials in accordance with the needs of the participants.

Course Notes: **Not open to auditors. May not be used to fulfill the language requirement. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students.**

Recommended Prep: **Some previous study of a Romance language helpful but not necessary. Fluency in English required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Italian 20

Intermediate Italian: Romance! Mystery? Noir... (128265)

Elvira G. DiFabio

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Discover the "colors" or Italian pop lit, from romance to crime stories to graphic novels. This course aims to build reading skills, and includes a structured review of grammar. Course materials include multi-media projects that increase language proficiency and cultural awareness.

Course Notes: **Conducted in Italian. May count toward the language requirement. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.**

Recommended Prep: **A score of 451-600 on the SAT II test or the Harvard Placement test, or a score of 3 on the Italian AP Exam; Italian 11 or 15; or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Italian
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Italian
FAS Divisional Distribution	None

Italian 20

Intermediate Italian: Romance! Mystery? Noir... (128265)

Elvira G. DiFabio

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Discover the "colors" or Italian pop lit, from romance to crime stories to graphic novels. This course aims to build reading skills, and includes a structured review of grammar. Course materials include multi-media projects that increase language proficiency and cultural awareness.

Course Notes: **Conducted in Italian. May count toward the language requirement. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.**

Recommended Prep: **A score of 451-600 on the SAT II test or the Harvard Placement test, or a score of 3 on the Italian AP Exam; Italian 11 or 15; or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Italian
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
HCOL: Foreign Lang Citation	Italian

Italian 30

Upper-Level Italian: Italian Through Media (128266)

Elvira G. DiFabio

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Revisiting structures and refining speaking and writing skills through media and arts interface. Students work closely with the media collection found on "RAI Play" and/or the collection at the Harvard Art Museum. Assignments that build on receptive and productive communicative skills. Course materials may include films, popular music, operatic libretti and literary texts. Consult course website for current semester topics.

Course Notes: **Conducted in Italian. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors.**

This course is taught by members of the Department.

Recommended Prep: **Italian 20; a score of 601-680 on the SAT II test or the Harvard Placement test, or a score of 4 on the Italian AP exam; or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Italian
FAS: Course Level	Primarily for Undergraduate Students
HCOL: Foreign Lang Citation	Italian

Italian 30

Upper-Level Italian: Italian Through Media (128266)

Elvira G. DiFabio

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Revisiting structures and refining speaking and writing skills through media and arts interface. Students work closely with the media collection found on "RAI Play" and/or the collection at the Harvard Art Museum. Assignments that build on receptive and productive communicative skills. Course materials may include films, popular music, operatic libretti and literary texts. Consult course website for current semester topics.

Course Notes: **Conducted in Italian. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors.**

This course is taught by members of the Department.

Recommended Prep: **Italian 20; a score of 601-680 on the SAT II test or the Harvard Placement test, or a score of 4 on the Italian AP exam; or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS: Meets Foreign Lang Req	Italian
HCOL: Foreign Lang Citation	Italian
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Italian 40

Advanced Italian I: Oral Expression and Performance (116233)

Elvira G. DiFabio

2019 Fall (4 Credits) **Schedule:** TR 0430 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Ciak, si parla! **Students develop oral expression and communication skills through the close reading of texts that are meant for performance, such as plays, film scripts, poetry, and games. Variation in diction and presentation techniques culminates in the adaptation and production of one or more of these texts for a public performance at the end of the term. Consult course website for current semester topics.**

Course Notes: **Conducted in Italian. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Appropriate for concentrators electing the Italian Studies or Romance Studies track. Not open to auditors. This course is taught by members of the Department.**

Class Notes: **Meeting time may be subject to change, depending on enrollment.**

Recommended Prep: **A score of 681-720 on the SAT II or the Harvard Placement Test, or a score of 5 on the Italian AP exam; Italian 30; equivalent preparation; or**

permission of course head.

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Italian
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Italian

Italian 50

Advanced Italian II: Written Expression. Italy in Other Words (127889)

Elvira G. DiFabio

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

***Italia scritta e descritta.* A theme-based course designed to develop advanced competence in written expression through guided examination of stylistics and pragmatics. The course includes readings from a variety of literary genres, films, workshops, and a series of guest lectures by our faculty on design, women and society, cinema, fiction, and other subjects. Consult the course website for current semester topics.**

Course Notes: **Conducted in Italian. Appropriate for concentrators electing the Italian Studies or Romance Studies track. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors.**

Recommended Prep: **A score between 721-750 on the SAT II or on the Harvard Placement Test; Italian 40; or permission of course head.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Italian
FAS: Meets Foreign Lang Req	Italian
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students

Italian 73

Healing Words after the Black Death: Boccaccio, Petrarch, Catherine of Siena (213365)

Ambrogio Camozzi Pistoja

2019 Fall (4 Credits) **Schedule:** WF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

A survey course on the impact of the Black Death (1350ca), one of the most devastating ecological crises in human history, on Italian medieval society. Through an examination of literary, visual and architectural artifacts, we will look at how the great plague affected the life of many. Using the prism offered, in particular, by the works of Boccaccio, Petrarch, Catherine of Siena, Christine de Pizan, Giotto and Piero della Francesca, we will discuss the development of medicine and the rise of physicians; art as evasiveness, entertainment and introspection; spiritual and secular solidarity; story-telling and laughter as a form of healing; and a new approach to Roman and Greek antiquities laying the foundation of Italian

Humanism.

Course Notes: **Course will be conducted in Italian.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Italian 91R

Supervised Reading and Research (111393)

Elvira G. DiFabio

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Tutorial supervision of research on subjects not treated in regular courses.

Course Notes: **Limited to juniors and seniors. Students wishing to enroll must petition the Undergraduate Adviser in Italian for approval, stating the proposed project, and must have the consent of the proposed instructor. Ordinarily, students are required to have taken some course work in the area as background for their project. May not be taken more than twice, and only once for concentration credit.**

This course is taught by members of the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Italian
FAS Divisional Distribution	Arts and Humanities

Italian 91R

Supervised Reading and Research (111393)

Elvira G. DiFabio

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Tutorial supervision of research on subjects not treated in regular courses.

Course Notes: **Limited to juniors and seniors. Students wishing to enroll must petition the Undergraduate Adviser in Italian for approval, stating the proposed project, and must have the consent of the proposed instructor. Ordinarily, students are required to have taken some course work in the area as background for their project. May not be taken more than twice, and only once for concentration credit.**

This course is taught by members of the Department.

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Italian
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Italian 96R

Italian and the Community: Italy. Academic Internships in Italian Language and Culture: Special Crse (124993)

Elvira G. DiFabio

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity to engage in the practical applications of Italian language and culture in an immersion environment. Internships may include placement in a variety of sectors, including public education, the media and the arts.

Course Notes: **Though academic internships may be arranged in the Greater Boston area, this course can be proposed as integral to a study abroad program in Italy, the details of which are to be coordinated in consultation with the course head and the Office of International Education. Students are expected to produce substantial research papers based on relevant class work and field placements. The student, under the guidance of faculty and study abroad advisers, is responsible for arranging the terms of the internship.**

This course is taught by members of the Department.

Requirements: **Prerequisite: Italian 50**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Italian
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Italian

Italian 96R

Italian and the Community: Italy. Academic Internships in Italian Language and Culture: Special Crse (124993)

Elvira G. DiFabio

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity to engage in the practical applications of Italian language and culture in an immersion environment. Internships may include placement in a variety of sectors, including public education, the media and the arts.

Course Notes: **Though academic internships may be arranged in the Greater Boston area, this course can be proposed as integral to a study abroad program in Italy, the details of which are to be coordinated in consultation with the course head and the Office of International Education. Students are expected to produce substantial research papers based on relevant class work and field placements. The student, under the guidance of faculty and study abroad advisers, is responsible for arranging the terms of the internship.**

This course is taught by members of the Department.

Requirements: **Prerequisite: Italian 50**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Italian
FAS: Meets Foreign Lang Req	Italian

Italian 99A

Tutorial - Senior Year (122541)

Elvira G. DiFabio

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Weekly individual instruction for students writing a senior thesis in Italian. Part one of a two part series.

Course Notes: **For honors seniors writing a thesis. Successful completion of two terms of Italian 99 is required of all thesis-track honors concentrators. Students who do not complete a thesis are required to submit a substantial paper in order to receive either half course or full course credit.**

This course is taught by members of the Department.

Recommended Prep: **Satisfactory completion of a junior tutorial and prior faculty approval of proposed thesis topic.**

Requirements: **Prerequisite: Italian 98 OR equivalent.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Italian
All: Cross Reg Availability	Not Available for Cross Registration
Full Year Course	Divisible Course
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Italian 99B

Tutorial - Senior Year (159978)

Elvira G. DiFabio

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Weekly individual instruction for students writing a senior thesis in Italian. Part two of a two part series.

Course Notes: **For honors seniors writing a thesis. Successful completion of two terms of Italian 99 is required of all thesis-track honors concentrators. Students who do not complete a thesis are required to submit a substantial paper in order to receive either 4.0 credits for each part of the series.**

Recommended Prep: **Satisfactory completion of a junior tutorial and prior faculty approval of proposed thesis topic.**

Requirements: **Prerequisite: Italian 99A OR equivalent.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Italian
FAS Divisional Distribution	Arts and Humanities
Full Year Course	Divisible Course
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration

Italian 111

Italian Cinema and Fiction: The Masterpieces (213688)

Francesco Erspamer

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to the most inspiring and critically-acclaimed Italian films and novels from Neorealism to today.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Italian 116

Renaissance Revolutions (121110)

Francesco Erspamer

2019 Fall (4 Credits) **Schedule:** F 1200 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A survey of the one hundred years that changed the world. Each week the analysis of a visual image introduces the class to a text and a concept. Readings include Machiavelli, Castiglione, Michelangelo, Vasari, Galileo.

Course Notes: **Conducted in English and Italian.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Italian
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Italian 138

The Cosmos of the Divine Comedy (207950)

Ambrogio Camozzi Pistoja

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This is a course on Dante's 14th century masterpiece, the *Comedy*. The course will offer an in-depth introduction to Dante's poem (*Inferno*, *Purgatory*, *Paradise*) as a point of entry to the history of Western literature, political thought, natural science and cosmology. We will also discuss the text's capacity to move, inform, entertain and console readers, across time and socio-cultural barriers.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Italian 139

Intermedia Italy: Poetry and Visuality in the Twentieth Century (214524)

Dalila Colucci

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Moving in the hybrid space where the encounter between poetry and visual arts takes the forms of intermedia representation (involving painting, typography, photography, cinema, and music), this course explores the evolution of Italian visual poetry in the twentieth century. To this end, we will analyze a series of exceptional artifacts, from Futurism to Neo-Avant-Gardes: metal books; object and collage poems; video, sound, and performative poetry. Materials will be examined directly (if available at Harvard) or digitally (if from Italian archives), with respect to the local and global cultural context of their time, drawing an unprecedented outline of modern Italian poetry.

Course Notes: **Conducted in English and/or Italian, depending on class composition.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities

FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Italian 201R

Italian Studies Colloquium (123829)

Francesco Erspamer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Current scholars in the field of Italian Studies present their most recent works on literature, art and architecture, history, and the social sciences. Students also learn how to conduct video interviews and write book reviews.

Course Notes: **Conducted in Italian and English.**

Class Notes: **in Boylston 403.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Italian 267

Satire and Censorship in 20th Century Italy (212934)

Ambrogio Camozzi Pistoja

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This seminar allows you to study and discuss a wide range of different texts and topics related to satire from within Italian culture of the modern era. It focuses on artifacts of different kinds (novels, poetry, manifestos, cartoons, comics, theatrical plays, tv series, movies), works in different media (written texts, film, visual arts), and different modes of cultural enquiry (literary criticism and theory, intellectual and cultural history, cultural sociology and philosophy), to give you a rich sense of the variety and complexity of the satirical mode in 20th century Italy. Authors include Marinetti, Malaparte, Flaiano, Guareschi, Fellini, Fo, Guzzanti, Sorrentino.

Course Notes: **This course will be conducted in Italian. Undergraduate students will need permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Italian 320

Italian Literature: Supervised Reading and Research (114255)

Francesco Erspamer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Italian 320

Italian Literature: Supervised Reading and Research (114255)

Francesco Erspamer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Italian 320 Section: 002

Italian Literature: Supervised Reading and Research (114255)

Ambrogio Camozzi Pistoja

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Italian 320 Section: 002

Italian Literature: Supervised Reading and Research (114255)

Ambrogio Camozzi Pistoja

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Italian 320 Section: 005

Italian Literature: Supervised Reading and Research (114255)

Jeffrey Schnapp

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Italian 320 Section: 005

Italian Literature: Supervised Reading and Research (114255)

Jeffrey Schnapp

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Italian 330

Direction of Doctoral Dissertations (113341)

Francesco Erspamer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Italian 330

Direction of Doctoral Dissertations (113341)

Francesco Erspamer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Italian 330 Section: 002

Direction of Doctoral Dissertations (113341)

Ambrogio Camozzi Pistoja

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Italian 330 Section: 003

Direction of Doctoral Dissertations (113341)

Jeffrey Schnapp

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Italian 330 Section: 004

Direction of Doctoral Dissertations (113341)

Jeffrey Schnapp

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Subject: Romance Languages

Romance Languages 210

Language Pedagogy: Theories, Approaches, and Practices (136717)

Nicole Mills

Elvira G. DiFabio

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course is designed for TFs and TAs in the department of Romance Languages and Literatures who are teaching a Romance language at Harvard for the first time, or those who are interested in foreign language learning and teaching. It introduces TAs and TFs to theories of second language acquisition (SLA) and explores their implications for the teaching of foreign language, culture, and literature. The course provides opportunities for students to learn to enact the specific pedagogical practices deemed essential to foreign language teaching. The intensive week before the start of classes includes reports on and discussion of general SLA theories and demonstrations and analysis of varied instructional approaches.

Course Notes: **Students are required to attend the pre-service seminar that will take place the week before classes begin. Students who do not attend the pre-service seminar will not be permitted to enroll in the course. For details and further information, please contact the Course Heads. May be taken SAT/UNS. Permission of Course Head required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None

Romance Languages 220

Second Language Research and Practice (207688)

Nicole Mills

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course is designed for experienced TFs and TAs who are currently teaching a foreign language at Harvard, or those who have prior foreign language teaching experience. The course will build upon instructors' understanding of second language acquisition through an in-depth exploration of current theories and trends in second language acquisition, relevant applied linguistics research, and models of theory in practice. Through interactive discussions, video-conferencing, and action research, the course will explore themes associated with social pedagogies, emerging technologies, beliefs and motivation, culture and identity, notions of advancedness, genre-based pedagogies, and multi-literacies and their relationship to language, culture, and literature instruction.

Course Notes: **This course is designed for instructors who have foreign language teaching experience and who have been exposed to principles of second language acquisition. This course fulfills one of the requirements of the Bok Certificate in Teaching Language and Culture. May be taken SAT/UNS. Permission of Course Head required.**

Recommended Prep: **ROM-LANG 210 or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students

Romance Languages 300

Graduate Seminar: Writing in the Romance Literatures (117638)

Mary Gaylord

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Addresses audience, voice, and ethics of critical writing (quotation, acknowledgement, controversy); and practical strategies for prospectus preparation, chapter organization, conference and job talks, publication. Meetings use manuscript work-shopping, reading, oral presentations, and guest lectures.

Course Notes: **This course meets Bi-Weekly through the year. Please contact semester Course Head for seminar meeting schedule.**

Recommended Prep: **Open to students at any stage of dissertation preparation who have completed the Ph.D. general examinations.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Romance Languages 300

Graduate Seminar: Writing in the Romance Literatures (117638)

Mary Gaylord

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Addresses audience, voice, and ethics of critical writing (quotation, acknowledgement, controversy); and practical strategies for prospectus preparation, chapter organization, conference and job talks, publication. Meetings use manuscript work-shopping, reading, oral presentations, and guest lectures.

Course Notes: **This course meets Bi-Weekly through the year. Please contact semester Course Head for seminar meeting schedule.**

Recommended Prep: **Open to students at any stage of dissertation preparation who have completed the Ph.D. general examinations.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Romance Languages 310

Article Publication Workshop (212926)

Annabel Kim

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A reading and writing intensive workshop aimed at doctoral students done with coursework, and postdocs affiliated with the department. Through workshopping (both as a class and in smaller groups), participants will go through two intensive rounds of revision to produce an article ready to submit to peer-reviewed journals at the end of the semester. We will begin with preliminary discussions of the nuts and bolts of writing and publication: reading essays and articles on how to write well; identifying journals that are a good fit for publication; reading sample abstracts and writing and revising one's own; analyzing sample readers' reports (from the generous and intelligent to the brutish and mean) to think through how to respond to feedback; etc.

Class Notes: **The first class will meet on Monday, September 9, from 3-5 with the schedule to be determined thereafter.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Romance Studies 85

Urban Diversity and Its Discontents (212925)

Bruno Carvalho

2020 Spring (4 Credits) **Schedule:** R 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Diversity is sometimes viewed as a source of vitality and strength, other times as a threat to cultural or national cohesion. This seminar explores histories of segregation and debates about diversity in a hemispheric framework, asking: how can Latin American perspectives inform our understanding of the built environment in the United States? How has the U.S. helped to shape urban development in Latin America, as an inspiration or cautionary tale? We will focus on the interplay between identity formations, moral values, and urbanism, and reflect on how urban diversity relates to inclusion, difference, and inequality. Topics covered include migration, globalization, spatial justice, city planning, race and racism.

Course Notes: **This course will be conducted in English, and when possible readings will be available both in translation and in their original language.**

Class Notes: **Course enrollment is limited to 15 students.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Romance Studies 91R

Supervised Reading and Research (123138)

Kathy Richman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Tutorial supervision of research in subjects not treated in regular courses.

Course Notes: **Limited to juniors and seniors. Students wishing to enroll must petition the Undergraduate Adviser in Romance Studies for approval, stating the proposed project, and must have the consent of the proposed instructor. Ordinarily, students are required to have taken some course work in the area as background for their project. May not be taken more than twice, and only once for concentration credit.**

This course is taught by members of the Department.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities

FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Romance Studies 91R

Supervised Reading and Research (123138)

Kathy Richman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Tutorial supervision of research in subjects not treated in regular courses.

Course Notes: **Limited to juniors and seniors. Students wishing to enroll must petition the Undergraduate Adviser in Romance Studies for approval, stating the proposed project, and must have the consent of the proposed instructor. Ordinarily, students are required to have taken some course work in the area as background for their project. May not be taken more than twice, and only once for concentration credit.**

This course is taught by members of the Department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Romance Studies 97

Sophomore Tutorial: Poetics, Practice, and Politics in Romance Societies (114941)

Kathy Richman

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course introduces students to a range of analytical and theoretical approaches to "reading" fiction, poetry, film, and essays. We will pair critical writings and creative texts of importance to the Romance world to help students develop their own voice and analytical stance. Prepares students for advanced work in literary and cultural studies in Romance Languages and Literatures and related fields.

Course Notes: **Language of instruction to be decided upon by student in consultation with the Undergraduate Adviser in Romance Studies. Successful completion of one term of Romance Studies 97 (or equivalent) is required of all concentrators in their sophomore year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students

Romance Studies 99A

Tutorial - Senior Year (108907)

Kathy Richman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Weekly individual instruction for students writing a senior thesis in Romance Studies. Part one of a two part series.

Course Notes: **For honors seniors writing a thesis. Successful completion of two terms of Romance Studies 99 is required of all thesis-track honors concentrators. Students who do not complete a thesis are required to submit a substantial paper in order to receive either half course or full course credit.**

This course is taught by members of the Department.

Recommended Prep: **Satisfactory completion of a junior tutorial and prior faculty approval of proposed thesis topic.**

Requirements: **Prerequisite: French 98 OR Italian 98 OR Portuguese 98 OR Spanish 98 OR Romance Studies 98 OR Latin American Studies 98**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Not Available for Cross Registration

Romance Studies 99B

Tutorial - Senior Year (159850)

Kathy Richman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Weekly individual instruction for students writing a senior thesis in Romance Studies. Part two of a two part series.

Course Notes: **For honors seniors writing a thesis. Successful completion of two terms of Romance Studies 99 is required of all thesis-track honors concentrators. Students who do not complete a thesis are required to submit a substantial paper in order to receive either half course or full course credit.**

Recommended Prep: **Satisfactory completion of a junior tutorial and prior faculty approval of proposed thesis topic.**

Requirements: **Prerequisite: French 98 OR Italian 98 OR Portuguese 98 OR Spanish 98 OR Romance Studies 98 OR Latin American Studies 98**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Arts and Humanities
Full Year Course	Divisible Course
FAS: Course Level	Primarily for Undergraduate Students

Romance Studies 109 Section: 002

The Global Game: Soccer, Politics, and Popular Culture (127880)

Francesco Erspamer

Mariano Siskind

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Soccer is not only the sport of the world, but a most socially significant practice. In Latin America and Europe it is a staple feature of popular culture, closely connected with national politics. The course will make use of filmic, visual, literary, theoretical, and historical materials to analyze the relationship of soccer to social movements, colonialism, violence, gender, architecture, music, and the star system (Pelé, Maradona, Zidane, Totti, Cristiano Ronaldo, Messi).

Course Notes: **Conducted in English.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Romance Studies 140

Latin American Cities and Visual Cultures (213681)

Bruno Carvalho

Beatriz Jaguaribe de Mattos

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The seminar explores different forms of creativity, contestation and the production of urban imaginaries. Through case studies and theoretical perspectives, we will reflect on how various cities in Latin America were/are imagined in literature, film and photography. Focusing on modernist and contemporary expressions, the course addresses the emergence of new forms of subjectivity, political contestation and aesthetics, as well as issues concerning cultural memory, urbanization, and the formation of urban identities.

Course Notes: **This course will be conducted in English, and will involve activities with outside practitioners, including filmmakers.**

Class Notes: **Course enrollment is limited to 15 students.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Romance Studies 201

Questions of Theory (205260)

Doris Sommer

Nicole Suetterlin

2019 Fall (4 Credits) **Schedule:** F 0945 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

To explore key literary, cultural and critical theories, we pose questions through readings of classic and contemporary theorists, from Aristotle to Kant, Schiller, Arendt, Barthes, Foucault, Glissant, Ortiz, Kittler, and Butler, among others. Their approaches include aesthetics, structuralism, discourse analysis, media theory, deconstruction, psychoanalysis, gender theory, ecocriticism. Each seminar addresses a core readingand a cluster of variations. Weekly writing assignments will formulate one or two questions to the core text and the cluster, to prepare for seminar discussions.

Course Notes: **Conducted in English. This course is also offered as Romance Studies 201. Credit may be earned for Romance Studies 201 or German 291, but not both.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities

Romance Studies 235A

Ethnic Studies: Past, Present, and Future (213437)

Lorgia García Peña

Ju Yon Kim

2019 Fall (2 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An interdisciplinary graduate research seminar exploring cutting-edge approaches in ethnic studies. From its institutional beginnings in the late-1960s, the field of ethnic studies built frameworks to critically examine questions of inequality and power through intersecting analytical paradigms of race, indigeneity, gender, sexuality, class, and citizenship. With visiting scholars at Harvard's Warren Center, students will explore how such frameworks remain useful and relevant, interrogate limitations and contradictions within the field, all the while exploring new possibilities and directions within ethnic studies.

Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.**

Class Notes: **This course will meet Tuesdays,bi-weekly, thoughout the year from 9: 45 to 11:45am**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Romance Studies 235B

Ethnic Studies: Past, Present, and Future (213438)

Lorgia García Peña

Ju Yon Kim

2020 Spring (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An interdisciplinary graduate research seminar exploring cutting-edge approaches in ethnic studies. From its institutional beginnings in the late-1960s, the field of ethnic studies built frameworks to critically examine questions of inequality and power through intersecting analytical paradigms of race, indigeneity, gender, sexuality, class, and citizenship. With visiting scholars at Harvard's Warren Center, students will explore how such frameworks remain useful and relevant, interrogate limitations and contradictions within the field, all the while exploring new possibilities and directions within ethnic studies.

Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.**

Class Notes: **This course will meet Tuesdays, bi-weekly, thoughout the year from 9: 45 to 11:45am**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Romance Studies 3000

Reading and Writing in Romance Languages, Literatures, and Cultures (208311)

2019 Fall (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** 40

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Romance Studies 3000

Reading and Writing in Romance Languages, Literatures, and Cultures (208311)

2020 Spring (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Russia, Eastern Europe, and Central Asia

Subject: Russia, E Europe & Cntrl Asia

Russia, E Europe & Cntrl Asia 298A

Master's Thesis Reading and Research (108816)

Alexandra Vacroux

2019 Fall (2 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Interdisciplinary proseminar designed to orient master's degree students in Regional Studies-Russia, Eastern Europe, and Central Asia to theoretical and methodological approaches in the field, including research design for academic and policy research. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
Full Year Course	Indivisible Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Russia, E Europe & Cntrl Asia 298B

Master's Thesis Reading and Research (160540)

Alexandra Vacroux

2020 Spring (2 Credits) **Schedule:** T 0500 PM - 0659 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Interdisciplinary proseminar designed to orient master's degree students in Regional Studies-Russia, Eastern Europe, and Central Asia to theoretical and methodological approaches in the field, including research design for academic and policy research. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **RSRA 298B, part B of the 2-course thesis sequence must be taken for a letter grade.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
Full Year Course	Indivisible Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Available for Harvard Cross Registration

Russia, E Europe & Cntrl Asia 299A

Master's Thesis Development and Writing (108818)

Alexandra Vacroux

2019 Fall (2 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

A continuation of RSRA 298 (parts A and B), culminating in the final master's thesis. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **REECA master's degree candidates are normally required to complete RSRA 298 (parts A and B) in the first year and RSRA 299 (parts A and B) in the second year of graduate study.**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Indivisible Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None

Russia, E Europe & Cntrl Asia 299B

Master's Thesis Development and Writing (160544)

Alexandra Vacroux

2020 Spring (2 Credits) **Schedule:** T 0500 PM - 0659 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

A continuation of RSRA 299A, culminating in the final master's thesis. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Search Attributes	Display Only in Course Search
Full Year Course	Indivisible Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

Russia, E Europe & Cntrl Asia 299B

Master's Thesis Development and Writing (160544)

Alexandra Vacroux

2019 Fall (2 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

A continuation of RSRA 299A, culminating in the final master's thesis. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Class Notes: **Important: this class is only for REECA master's students who will complete the degree at the end of fall term. Everyone else should enroll in fall RSRA 299A and spring RSRA 299B.**

Additional Course Attributes:

Attribute	Value(s)
Course Search Attributes	Display Only in Course Search
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Indivisible Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Russia, E Europe & Cntrl Asia 300

Graduate Research (214463)

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Intended for graduate research. Permission of advisor required.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Russia, E Europe & Cntrl Asia 300

Graduate Research (214463)

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Intended for graduate research. Permission of advisor required.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Slavic Languages and Literatures

Subject: Slavic

Slavic 91R

Supervised Reading and Research (111900)

Aleksandra Kremer

Steven Clancy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **A graded course. Permission must be obtained from the Director of Undergraduate Studies and the instructor under whom the student wishes to study. Hours to be arranged.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Slavic 91R

Supervised Reading and Research (111900)

Aleksandra Kremer

Steven Clancy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **A graded course. Permission must be obtained from the Director of Undergraduate Studies and the instructor under whom the student wishes to study. Hours to be arranged.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Slavic 97

Tutorial - Sophomore Year (121681)

Aleksandra Kremer

2020 Spring (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An interdisciplinary introduction to major issues in the field of Slavic Languages and Literatures, including critical theory, modes of interpreting literary texts, the forces structuring national and regional identities, as well as great authors of the Slavic literary traditions, including Russian, Czech, and Polish works.

Course Notes: **Required for Slavic Language and Literature concentrators. Course open to non-concentrators by permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Slavic 98

Junior Tutorial (159853)

Philip Redko

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

We will read Pushkin's novel in verse, *Eugene Onegin*, in its entirety, paying special attention to its cultural and historical contexts, its play with poetic form and genre, and its innovative approach to plot and characterization. This is one of the most significant and beloved works in Russian literature, and together we will revel in its wit and virtuosity, and find out for ourselves why this work has never lost its appeal to readers. The course will also include a screening of Tchaikovsky's opera based on the novel, and a trip to Houghton to view Pushkin's first editions.

Course Notes: **Required of junior concentrators in Slavic Literatures and Cultures. Course open to non-concentrators by permission of the instructor.**

Readings will be in Russian.

Recommended Prep: **Students must be able to read in Russian.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Slavic 99A

Tutorial - Senior Year (123163)

Aleksandra Kremer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For senior concentrators in Slavic Literature and Culture. Students work with a faculty advisor on a senior thesis or capstone project.

Course Notes: **Required for senior concentrators in Slavic Literature and Culture. Students who wish to enroll must obtain the signature of the Director of Undergraduate Studies. Honors students must also complete Slavic 99b.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Arts and Humanities

Slavic 99B

Tutorial - Senior Year (116478)

Aleksandra Kremer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Students work with a faculty adviser on a senior thesis.

Course Notes: **For senior concentrators in Slavic Literature and Culture. Students who wish to enroll must obtain the signature of the Director of Undergraduate Studies.**

Recommended Prep: **Slavic 99a.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Arts and Humanities

Slavic 100

Independent Language Tutorial (215775)

Steven Clancy

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individualized study of a language not normally offered by the department (e.g., less commonly taught Slavic languages such as Bulgarian, Macedonian, Slovak, etc.). Conducted as a tutorial.

To propose a tutorial course, students must first review the relevant information provided on the Slavic Department website (https://slavic.fas.harvard.edu/pages/language-study) and submit an "'R' Language Tutorial Proposal Online Form."

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Slavic 112

Science Fiction (213726)

Jacob Emery

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Considers science fiction's development and shifting emphases in both of its major traditions, in Russia and in the English-speaking world. Touches on perennial themes of the genre including: our relationship to the future and the hypothetical; the technological mediation of human existence; the limits of space and time and the consequences of surpassing them; non-human and non-organic consciousness; radically different forms of human togetherness; and various apocalyptic scenarios. Reading list might include: H.G. Wells, Alexander Bogdanov, Eugene Zamiatin, Ursula K. LeGuin, Philip K. Dick, the Strugatsky Brothers, Octavia Butler, and China Miéville, as well as select films.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Slavic 132

Russia's Golden Age: Literature, Arts, and Culture (207566)

Julie A. Buckler

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Investigates major works of imperial Russian culture (1703-1917) as products of their original historical contexts and in their on-going life as acknowledged "masterworks." At the center of this course stand the works themselves, their original historical and cultural contexts, the intentions of their creators, and the responses of their initial audiences. Our aim will be to understand how these works intersected with their time to achieve canonical status. What mythologies of national identity did these works propose and why were they so compelling to their first audiences? In what ways were these works radical: formally, aesthetically, ideologically? How have these masterworks been variously renewed and reinterpreted since their initial reception, up to the present day?

Works by Rastrelli, Falconet, Pushkin, Gogol, Dostoevsky, Tolstoy, Musorgsky, Tchaikovsky, Chekhov, Bely.

Course Notes: **All readings in English. Students who wish to read Russian texts in the original may arrange for a special weekly section with the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Slavic 138

Apocalypse Then! Forging the Culture of Medieval Rus' (213422)

Michael Flier

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

When the natives of Medieval Rus' (later Russians, Ukrainians, and Belarusians) accepted Orthodox Christianity in the 10th century, their nature-based paganism gave way to a powerfully sensual belief system that made good use of the visual and the verbal to prepare these newest Christians for the coming Apocalypse and Last Judgment. We investigate this transformation from the conversion of Saint Vladimir and the excesses of Ivan the Terrible through the Time of Troubles and the modern turn of Peter the Great. The class features close analysis of architecture, icons and frescoes, ritual, folklore, literature, and history to understand this shift in worldview, including the role of women. Special attention is devoted to the ways in which Medieval Rus' is portrayed in film, opera, and ballet.

Course Notes: **All readings in English.**
This course will include a field trip to the Museum of Russian Icons in Clinton, Massachusetts.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

Slavic 154

Nabokov (205527)

Justin Weir

2019 Fall (4 Credits) **Schedule:** W 0600 PM - 0800 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course on the major fiction of Vladimir Nabokov begins with his major Russian novels in English translation, including The Defense, Laughter in the Dark (Camera Obscura), Invitation to a Beheading, and Despair, and concludes with classic English works, Speak, Memory, Lolita, and Pnin. Topics in the course include emigration and cross-cultural translation, literary modernism, metafiction, nostalgia and stories of childhood, as well as the literary representations of tyranny, violence, and abuse. We will pay additional attention to Nabokov's interest in film and film aesthetics, and we will consider four screen versions of his novels (Luzhin's Defense, Laughter in the Dark, Despair, and Lolita).

Course Notes: **No knowledge of Russian in required**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Slavic 168

Post-Soviet and Post-Modernist Ukrainian Literature (118111)

George Grabowicz

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An examination of Ukrainian literature in the decade preceding Independence and in the years since, i.e., the 1980s to the present. Special focus on the massive changes that occurred with the shift from obligatory Socialist Realism to an ostensibly open poetics, with the coexistence of traditionalist forms, aspects of neo-modernism and postmodernism, and also on the significant resistance to these changes. Given the new open poetics and the de facto (if not subliminal) disappearance of censorship, contacts and interaction with western and especially émigré (now diaspora) Ukrainian literature are also examined. Several films exemplifying the changes and poetics involved will also be discussed.

Focus on Dibrova and the onset of Post-Sovietism; the post-modernist performance of Andrukhovych and the Bu-Ba-Bu circle; Izdryk; Prochasko; Kurkov, Zabuzhko and feminist and anti-feminist writing, Zhadan and the post-modern nostalgia for the USSR; Ukrainian literature in the diaspora: Yurij Tarnawsky and Vasyl Makhno.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Slavic 171

The Holocaust in Polish Memory and Culture (213366)

Aleksandra Kremer

2020 Spring (4 Credits) **Schedule:** R 0945 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Hitler's plan to destroy European Jewry was carried out by the Nazis mostly on the territory of occupied Poland, where three million Jews had lived before World War II. The Poles' position has been described as that of bystanders—eyewitnesses to killings, ghettos, and death camps; nevertheless, Polish behavior also encompassed more direct involvement—whether complicity and murder, or the rescuing of Jews. How is this time remembered in Poland? How have eyewitnesses responded to what they saw? What is the relation between the Holocaust memory and Polish wartime history? Could the same person be a bystander, victim, and collaborator? We will look for answers in Polish poetry and essays, fiction and scholarship, written between the 1940s and today, and including authors of Jewish background who stayed in the country after the war. What vision of Polish–Jewish relations do these different works provide? How was the memory of

the Holocaust shaped and used by communist Poland? Who shapes it today?

Course Notes: **All readings in English. Students who wish to read Polish texts in the original may arrange a special section with the instructor.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

Slavic 177

Fugitives from Utopia: Polish Poets Across the Iron Curtain (205084)

Aleksandra Kremer

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Immigrants and travelers, dissidents and eccentrics—there were many ways Polish poets created spaces of personal freedom from the communist regime and the languages of newspeak and propaganda. In poetry, they contrasted utopian slogans with reality, but they also questioned more generally the idea of any human-made collective paradise, choosing instead irony, distrust, and singularity. In this course, we will study Polish poetry as embedded in the lived experiences of home meetings and experiments with tape recording, censorship and internal exile, Polish and Western radio stations, struggles with emigration and translations into English, as well as dramatic decisions whether to stay abroad or come back from one's journeys. We will watch documentary films and listen to audio recordings; we will read essays, biographies, and criticism; and we will study poems by Czeslaw Milosz, Wislawa Szymborska, and Zbigniew Herbert, alongside many other authors.

Course Notes: **All readings in English. Students who wish to read Polish texts in the original may arrange a special section with the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

Slavic 184

Soviet Theory and the West (214548)

Justin Weir

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course treats important Soviet theoretical contributions in philosophy, psychology, literature, film, and culture in dialogue with comparable movements in the West. In particular, we will look at the key role of language and semiotics, as well as its rejection, in various theoretical models. Reading will focus on major

works by Vygotsky, Bakhtin, Lukacs, Shklovsky, Jakobson, Lotman, and others. All readings will be in English translation.

Course Notes: **All readings in English.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Slavic 190

Historiography and Historical Fiction (213727)

Jacob Emery

2020 Spring (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Considers historical fiction in its connection with historiography on the one hand and other genres of fictional narrative on the other. Our case study is the contested tradition of historical fiction in the former Yugoslavia (Prince-Bishop Njegoš, France Prešeren, Ivo Andrić, Danilo Kiš, Saša Selimović, Aleksandr Hemon), contextualized in the wider development of the genre from its modern origins in Walter Scott and in Romantic nationalism. Theoretical readings include Johann Gottfried Herder, Georg Lukács, Hayden White, and Linda Hutcheon; comparative readings might include Ismail Kadare, Leo Tolstoy, and Vladimir Sorokin.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

Slavic 201

Introduction to East Slavic Linguistics (115232)

Michael Flier

2020 Spring (4 Credits) **Schedule:** T 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to the structure and history of Russian, Ukrainian, and Belarusian.

Requirements: **Prerequisite: Linguistics 250**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities

Slavic 222

20th-Century Ukrainian Poetry (123131)

George Grabowicz

2019 Fall (4 Credits) **Schedule:** R 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An examination, with close readings, of the major 20th century Ukrainian poets and poetic styles from the eve of WWI and the Revolution to the decade before Independence in 1991, with a special focus on early modernism (Tychyna), neo-classicism, futurism and other avant-garde movements as well as on the challenges to poetry imposed by official socialist realism, nationalism, and populist ideology and traditions.

Focus on Tychyna, the neo-classicists (Zerov and Ry's'kyj), Bazhan and futurism, Svidzins'kyj, Antonych, the interwar Prague School (Malaniuk and Olzhych), MUR (1945-1950) surrealism and experimentation (Kostec'kyj and Berezhan); the New York Group, the poets of the 1960s, the "Kyiv School," Vasyl Stus and Oleh Lysheha.

Class Notes: **This course will meet once per week on Thursdays from 12:45pm to 2: 45pm.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities

Slavic 259

Chekhov: Texts and Performances (213423)

Julie A. Buckler

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Close analysis of Chekhov's work as playwright and writer of short stories and letters. Considers the performance history of his plays, from the Moscow Art Theatre through contemporary productions. Also explores Chekhov's on-going reception both inside and outside Russia.

Course Notes: **Open to qualified undergraduates**

Recommended Prep: **Reading knowledge of Russian helpful, but not required**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Slavic 280

Slavic Culture: Seminar (125507)

Michael Flier

2020 Spring (4 Credits) **Schedule:** R 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The Culture of Medieval Rus': Art, Architecture, Ritual, Literature, and History

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Slavic 286

Poetry after Brodsky: How Russian Is It? (124482)

Stephanie Sandler

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0200 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Studies poetic practice since the late 1980s, with an emphasis on very recent work. Includes Aristov, Aygi, Barskova, Brodsky, Dashevsky, Dragomoshchenko, Eremin, Fanailova, Glazova, Goralik, Gronas, Prigov, Rymbu, Sedakova, Shvarts, Stepanova, Skandiaka, Svarovsky, Vasiakina, Yusupova and others. Key themes are border crossings (in language and geography); poetry and other art forms; innovations in form and self-representation; poetry performance and visual display; political and ethical expression; and the changing representations of emotion and mind.

Course Notes: **Open to qualified undergraduates with good reading knowledge of Russian, pending permission of the instructor.**

Recommended Prep: **Reading knowledge of Russian required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities

Slavic 300

Direction of Doctoral Dissertations (113947)

Jonathan Bolton

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Slavic 300

Direction of Doctoral Dissertations (113947)

Jonathan Bolton

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS: Course Level	Graduate Course

Slavic 300 Section: 002

Direction of Doctoral Dissertations (113947)

Julie A. Buckler

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Slavic 300 Section: 002

Direction of Doctoral Dissertations (113947)

Julie A. Buckler

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Slavic 300 Section: 003

Direction of Doctoral Dissertations (113947)

Michael Flier

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Slavic 300 Section: 003

Direction of Doctoral Dissertations (113947)

Michael Flier

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Slavic 300 Section: 004

Direction of Doctoral Dissertations (113947)

George Grabowicz

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Slavic 300 Section: 004

Direction of Doctoral Dissertations (113947)

George Grabowicz

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Slavic 300 Section: 005

Direction of Doctoral Dissertations (113947)

Daria Khitrova

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Slavic 300 Section: 005

Direction of Doctoral Dissertations (113947)

Daria Khitrova

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Slavic 300 Section: 006

Direction of Doctoral Dissertations (113947)

Aleksandra Kremer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Slavic 300 Section: 006

Direction of Doctoral Dissertations (113947)

Aleksandra Kremer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Slavic 300 Section: 007

Direction of Doctoral Dissertations (113947)

Stephanie Sandler

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Slavic 300 Section: 007

Direction of Doctoral Dissertations (113947)

Stephanie Sandler

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Slavic 300 Section: 008

Direction of Doctoral Dissertations (113947)

Justin Weir

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Slavic 300 Section: 008

Direction of Doctoral Dissertations (113947)

Justin Weir

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Slavic 301

Reading and Research (112938)

Jonathan Bolton

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Slavic 301

Reading and Research (112938)

Jonathan Bolton

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Slavic 301 Section: 002

Reading and Research (112938)

Julie A. Buckler

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Slavic 301 Section: 002

Reading and Research (112938)

Julie A. Buckler

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Slavic 301 Section: 003

Reading and Research (112938)

Steven Clancy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Slavic 301 Section: 003

Reading and Research (112938)

Steven Clancy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Slavic 301 Section: 004

Reading and Research (112938)

Michael Flier

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Slavic 301 Section: 004

Reading and Research (112938)

Michael Flier

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Slavic 301 Section: 005

Reading and Research (112938)

George Grabowicz

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Slavic 301 Section: 005

Reading and Research (112938)

George Grabowicz

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Slavic 301 Section: 006

Reading and Research (112938)

Daria Khitrova

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Slavic 301 Section: 006

Reading and Research (112938)

Daria Khitrova

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Slavic 301 Section: 007

Reading and Research (112938)

Aleksandra Kremer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Slavic 301 Section: 007

Reading and Research (112938)

Aleksandra Kremer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Slavic 301 Section: 008

Reading and Research (112938)

Stephanie Sandler

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Slavic 301 Section: 008

Reading and Research (112938)

Stephanie Sandler

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Slavic 301 Section: 009

Reading and Research (112938)

William Todd

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Slavic 301 Section: 009

Reading and Research (112938)

William Todd

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Slavic 301 Section: 010

Reading and Research (112938)

Justin Weir

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Slavic 301 Section: 010

Reading and Research (112938)

Justin Weir

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Slavic 370

Teaching-related work (208360)

Justin Weir

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course for Slavic graduate students pursuing teaching-related work.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Slavic 370

Teaching-related work (208360)

Justin Weir

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course for Slavic graduate students pursuing teaching-related work.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Slavic 380

Research-related Work (208361)

Justin Weir

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course for Slavic Department PhD students who are conducting independent, degree-related research.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Slavic 380

Research-related Work (208361)

Justin Weir

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course for Slavic Department PhD students who are conducting independent, degree-related research.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Slavic 390

Graduate Coursework (208362)

Justin Weir

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Slavic graduate students may use this course to record coursework not otherwise specified in a course.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Slavic 390

Graduate Coursework (208362)

Justin Weir

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Slavic graduate students may use this course to record coursework not otherwise specified in a course.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Slavic 399A

Slavic Graduate Proseminar (213534)

Julie A. Buckler

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course offers an introduction to graduate study in Slavic Languages and Literatures. Students are

instructed on selected topics in literary analysis, history, and theory. Focus is placed on developing the essential skills required for graduate study in Slavic.

Course Notes: **Required of all Slavic graduate students in their first year of study. Part one of a two-part, year-long course that meets 6-7 times per term. Students are required to enroll in Slavic 399A and Slavic 399B to receive credit.**

Class Notes: **This course will meet biweekly on Tuesdays from 3pm to 5pm. Exact course meeting dates TBA.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Slavic 399B

Slavic Graduate Proseminar (213611)

Julie A. Buckler

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course offers an introduction to graduate study in Slavic Languages and Literatures. Students are instructed on selected topics in literary analysis, history, and theory. Focus is placed on developing the essential skills required for graduate study in Slavic.

Course Notes: **Required of all Slavic graduate students in their first year of study. Part two of a two-part, year-long course that meets 6-7 times per term. Students are required to enroll in Slavic 399A and Slavic 399B to receive credit.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Subject: Bosnian, Croatian & Serbian

Bosnian, Croatian & Serbian AA

Elementary Bosnian, Croatian, and Serbian I (110073)

Tatiana Kuzmic

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Part one of a two-part introductory course in modern Bosnian, Croatian, and Serbian (BCS) language and culture, designed for students without previous knowledge who would like to speak BCS or use the language for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed.Students are exposed to BCS culture through excerpts from poetry, prose, and newspaper articles, as well as video and popular music clips as they learn to use the language both as a means of communication and as a tool for reading and research.

BCS AA: Elementary BCS I (in the fall) and BCS AB: Elementary BCS II (in the spring) satisfy the foreign language requirement and prepare students for continued study of BCS in intermediate-level courses and for study or travel abroad.

Course Notes:

This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions. For information on meetings during the first week of classes, please see https://slavic.fas.harvard.edu/language-courses. - - -

Part one of a two-part series. Students are strongly encouraged to enroll in BCS AA in the fall and BCS AB in the spring within the same academic year. - - -

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: https://slavic.fas.harvard.edu/language-course-notes

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Bosnian, Serbian, Croatian
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Meets Foreign Lang Req	Bosnian, Croatian, and Serbian
FAS: Course Level	For Undergraduate and Graduate Students
Full Year Course	Divisible Course
FAS Divisional Distribution	None

Bosnian, Croatian & Serbian AB

Elementary Bosnian, Croatian, and Serbian II (205524)

Tatiana Kuzmic

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Part two of a two-part introductory course in modern Bosnian, Croatian, and Serbian (BCS) language and culture, designed for students without previous knowledge who would like to speak BCS or use the language for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed. Students are exposed to BCS culture through excerpts from poetry, prose, and newspaper articles, as well as video and popular music clips as they learn to use the language both as a means of communication and as a tool for reading and research.

BCS AA: Elementary BCS I (in the fall) and BCS AB: Elementary BCS II (in the spring) satisfy the foreign

language requirement and prepare students for continued study of BCS in intermediate-level courses and for study or travel abroad.

Course Notes: **This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions. For information on meetings during the first week of classes, please see https://slavic.fas.harvard.edu/language-courses. - - -**

Part two of a two-part series. Students are strongly encouraged to enroll in BCS AA in the fall and BCS AB in the spring within the same academic year. - - -

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: https://slavic.fas.harvard.edu/language-course-notes

Requirements: **Prerequisite BCS AA**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Final Assessment Category	Three-hour Exam
Full Year Course	Divisible Course
FAS: Meets Foreign Lang Req	Bosnian, Croatian, and Serbian
FAS Course Roll	FAS Course Roll

Bosnian, Croatian & Serbian BA

Intermediate Bosnian, Croatian, and Serbian I (110074)

Tatiana Kuzmic

2019 Fall (4 Credits) **Schedule:** MWF 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Part one of a two-part intermediate course in modern Bosnian, Croatian, and Serbian (BCS) language and culture for students with previous study of the language. Further development of vocabulary and oral expression within a comprehensive review of BCS grammar. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed as students learn to use the language both as a means of communication and as a tool for reading and research. Systematic study of word formation and other strategies are taught to help free students from excessive dependence on the dictionary and develop confidence in reading.
The two-part course prepares students for continued study of BCS in advanced-level courses and for study or travel abroad.

Course Notes: **This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy**

<sclancy@fas.harvard.edu>) with any questions. For information on meetings during the first week of classes, please see https://slavic.fas.harvard.edu/language-courses. - - -

Part one of a two-part series. Students are strongly encouraged to enroll in BCS BA in the fall and BCS BB in the spring within the same academic year. - - -

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: https://slavic.fas.harvard.edu/language-course-notes

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course
FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	Bosnian, Serbian, Croatian
FAS: Meets Foreign Lang Req	Bosnian, Croatian, and Serbian

Bosnian, Croatian & Serbian BB

Intermediate Bosnian, Croatian, and Serbian II (205525)

Tatiana Kuzmic

2020 Spring (4 Credits) **Schedule:** MWF 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Part two of a two-part intermediate course in modern Bosnian, Croatian, and Serbian (BCS) language and culture for students with previous study of the language. Further development of vocabulary and oral expression within a comprehensive review of BCS grammar. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed as students learn to use the language both as a means of communication and as a tool for reading and research. Systematic study of word formation and other strategies are taught to help free students from excessive dependence on the dictionary and develop confidence in reading.

The two-part course prepares students for continued study of BCS in advanced-level courses and for study or travel abroad.

Course Notes:

This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions. For information on meetings during the first week of classes, please see https://slavic.fas.harvard.edu/language-courses. • • •

Part two of a two-part series. Students are strongly encouraged to enroll in BCS BA in the fall and BCS BB in the spring within the same academic year.• • •

See language course notes on the Slavic Department website for

information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: https://slavic.fas.harvard.edu/language-course-notes

Requirements: **Prerequisite BCS BA**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
Full Year Course	Divisible Course
FAS: Meets Foreign Lang Req	Bosnian, Croatian, and Serbian
HCOL: Foreign Lang Citation	Bosnian, Serbian, Croatian

Bosnian, Croatian & Serbian CR

Advanced Bosnian, Croatian, and Serbian (110075)

Tatiana Kuzmic

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individualized study of the Bosnian/Croatian/Serbian language at the advanced level. Emphasis on literacy. Conducted as a tutorial.

Course Notes: **Departmental languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student. Please contact the Director of the Slavic Language Program, Steven Clancy (sclancy@fas.harvard.edu), with any questions.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Bosnian, Serbian, Croatian
FAS: Meets Foreign Lang Req	Bosnian, Croatian, and Serbian
FAS: Course Level	For Undergraduate and Graduate Students

Bosnian, Croatian & Serbian CR

Advanced Bosnian, Croatian, and Serbian (110075)

Tatiana Kuzmic

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individualized study of the Bosnian/Croatian/Serbian language at the advanced level. Emphasis on literacy. Conducted as a tutorial.

Course Notes: **Departmental languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student. Please contact the Director of the Slavic Language Program,**

Steven Clancy (sclancy@fas.harvard.edu), with any questions.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Bosnian, Serbian, Croatian
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Bosnian, Croatian, and Serbian

Subject: Russian

Russian AA

Elementary Russian I (122907)

Steven Clancy

Natalia Chirkov

2019 Fall (4 Credits) **Schedule:** MWF 0900 AM - 1000 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Part one of a two part introductory course in modern Russian language and culture, designed for students without previous knowledge of Russian who would like to speak Russian or use the language for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed. Students are introduced to Russian culture and the etiquette of social exchanges, and expand their knowledge of grammar and vocabulary through readings (including stories, biography, and poetry), videos, and class discussions.

Course Notes: **Part one of a two-part series. Students are strongly encouraged to enroll in Russian AA in the fall and Russian AB in the spring within the same academic year.**

This course will also meet for two additional hours of speaking practice on Tuesdays and Thursdays. Meeting times for the T-Th practice sections are subject to adjustment based on students' availability. See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: https://slavic.fas.harvard.edu/language-course-notes

Russian AA together with Russian AB or Russian ATB (Elementary Russian through Authentic Texts II) satisfy the foreign language requirement. Any of the elementary (A-level) level Russian courses (A, AAB, and AT) prepare students for continued study of Russian in intermediate (B-level) courses (B, BAB, or BTA) and for study or travel abroad in Russian-speaking countries.

Recommended Prep: **No prior knowledge of Russian is required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course

FAS Divisional Distribution	None
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
HCOL: Foreign Lang Citation	Russian
FAS: Meets Foreign Lang Req	Russian
FAS: Course Level	For Undergraduate and Graduate Students

Russian AA Section: 002

Elementary Russian I (122907)

Steven Clancy

Natalia Chirkov

2019 Fall (4 Credits) **Schedule:** MWF 0130 PM - 0230 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Part one of a two part introductory course in modern Russian language and culture, designed for students without previous knowledge of Russian who would like to speak Russian or use the language for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed. Students are introduced to Russian culture and the etiquette of social exchanges, and expand their knowledge of grammar and vocabulary through readings (including stories, biography, and poetry), videos, and class discussions.

Course Notes: **Part one of a two-part series. Students are strongly encouraged to enroll in Russian AA in the fall and Russian AB in the spring within the same academic year.**

This course will also meet for two additional hours of speaking practice on Tuesdays and Thursdays. Meeting times for the T-Th practice sections are subject to adjustment based on students' availability. See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: https://slavic.fas.harvard.edu/language-course-notes

Russian AA together with Russian AB or Russian ATB (Elementary Russian through Authentic Texts II) satisfy the foreign language requirement. Any of the elementary (A-level) level Russian courses (A, AAB, and AT) prepare students for continued study of Russian in intermediate (B-level) courses (B, BAB, or BTA) and for study or travel abroad in Russian-speaking countries.

Recommended Prep: **No prior knowledge of Russian is required.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Meets Foreign Lang Req	Russian
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Divisible Course
HCOL: Foreign Lang Citation	Russian
FAS: Course Level	For Undergraduate and Graduate Students

Russian AAB

Elementary Russian (Intensive) (113925)

Natalia Chirkov

2020 Spring (8 Credits) **Schedule:** MTWRF 0900 AM - 1000 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An intensive version of Russian AA: Elementary Russian I and Russian AB: Elementary Russian II, covering the same material in a single semester. Class meets five days per week with five hours of the main section and three hours of small group speaking practice each week (8 hours per week total).

Course Notes: **This course will meet five days a week (Monday through Friday) from 9am to 10am. In addition, students will be required to attend three additional one-hour speaking practice sections each week on Mondays, Wednesdays, and Fridays. Meeting times for the small group sections will be determined at the start of term based on students' availability.**

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: https://slavic.fas.harvard.edu/language-course-notes

Recommended Prep: **No prior knowledge of Russian is required.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Russian
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Russian
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll

Russian AAB

Elementary Russian (Intensive) (113925)

Natalia Chirkov

2019 Fall (8 Credits) **Schedule:** MTWRF 0900 AM - 1000 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An intensive version of Russian AA: Elementary Russian I and Russian AB: Elementary Russian II, covering the same material in a single semester. Class meets five days per week with five hours of the main section and three hours of small group speaking practice each week (8 hours per week total).

Course Notes: **This course will meet five days a week (Monday through Friday) from 9am to 10am. In addition, students will be required to attend three additional one-hour speaking practice sections each week on Mondays, Wednesdays, and Fridays. Meeting times for the small group sections will be determined at the start of term based on students' availability.**

See language course notes on the Slavic Department website for

information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: https://slavic.fas.harvard.edu/language-course-notes

Recommended Prep: **No prior knowledge of Russian is required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Russian
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
HCOL: Foreign Lang Citation	Russian

Russian AB

Elementary Russian II (159620)

Steven Clancy

2020 Spring (4 Credits) **Schedule:** MWF 0900 AM - 1000 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Part two of a two part introductory course in modern Russian language and culture, designed for students without previous knowledge of Russian who would like to speak Russian or use the language for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed. Students are introduced to Russian culture and the etiquette of social exchanges, and expand their knowledge of grammar and vocabulary through readings (including stories, biography, and poetry), videos, and class discussions.

Course Notes: **Part two of a two-part series. Students are strongly encouraged to enroll in Russian AA in the fall and Russian AB in the spring within the same academic year.**

This course will also meet for two additional hours of speaking practice on Tuesdays and Thursdays. Meeting times for the T-Th practice sections are subject to adjustment based on students' availability. See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: https://slavic.fas.harvard.edu/language-course-notes

Russian AA together with Russian AB or Russian ATB (Elementary Russian through Authentic Texts II) satisfy the foreign language requirement. Any of the elementary (A-level) level Russian courses (A, AAB, and AT) prepare students for continued study of Russian in intermediate (B-level) courses (B, BAB, or BTA) and for study or travel abroad in Russian-speaking countries.

Requirements: **Prerequisite: Elementary Russian I**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
Full Year Course	Divisible Course
FAS: Final Assessment Category	Three-hour Exam

FAS Divisional Distribution	None
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Russian
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Russian

Russian AB Section: 002

Elementary Russian II (159620)

Steven Clancy

2020 Spring (4 Credits) **Schedule:** MWF 0130 PM - 0230 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Part two of a two part introductory course in modern Russian language and culture, designed for students without previous knowledge of Russian who would like to speak Russian or use the language for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed. Students are introduced to Russian culture and the etiquette of social exchanges, and expand their knowledge of grammar and vocabulary through readings (including stories, biography, and poetry), videos, and class discussions.

Course Notes: **Part two of a two-part series. Students are strongly encouraged to enroll in Russian AA in the fall and Russian AB in the spring within the same academic year.**

This course will also meet for two additional hours of speaking practice on Tuesdays and Thursdays. Meeting times for the T-Th practice sections are subject to adjustment based on students' availability. See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: https://slavic.fas.harvard.edu/language-course-notes

Russian AA together with Russian AB or Russian ATB (Elementary Russian through Authentic Texts II) satisfy the foreign language requirement. Any of the elementary (A-level) level Russian courses (A, AAB, and AT) prepare students for continued study of Russian in intermediate (B-level) courses (B, BAB, or BTA) and for study or travel abroad in Russian-speaking countries.

Requirements: **Prerequisite: Elementary Russian I**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
Full Year Course	Divisible Course
HCOL: Foreign Lang Citation	Russian
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Russian
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Russian BA

Intermediate Russian I (112823)

Steven Clancy

Veronika Egorova

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1130 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Part one of a two part intermediate course in modern Russian language and culture for students with previous study of the language. Further development of vocabulary and oral expression within a comprehensive review of Russian grammar. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed as students learn to use the language both as a means of communication and as a tool for reading and research. Systematic study of word formation and other strategies are taught to help free students from excessive dependence on the dictionary and develop confidence in reading. Vocabulary is thematically organized to include such topics as self and family, education, work, human relationships, politics, and national attitudes and is reinforced through film and the reading of classical and contemporary fiction and history. Practice in the etiquette of common social situations (sociolinguistic competence). Computer exercises on selected topics.

Course Notes: **Interested students should contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions regarding scheduling conflicts. With sufficient enrollments it is possible that this course will be offered in an additional section on MWF in a different time slot. - - -**

Part one of a two-part series. Students are strongly encouraged to enroll in Russian BA in the fall and Russian BB in the spring within the same academic year. - - -

This course will also meet for two additional hours of speaking practice on Tuesdays and Thursdays. Meeting times for the T-Th practice sections are subject to adjustment based on students' availability. See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: https://slavic.fas.harvard.edu/language-course-notes. - - -

Any full course in Russian at the B-level (Russian Ba-Bb, Russian BTA-BTB, or Intensive Russian BAB) will prepare students for continued study of Russian at the advanced level (Russian 101) and for study or travel abroad in Russian-speaking countries.

Recommended Prep: **Russian AA-AB, AAB, ATA-ATB, AH, or placement at the B-level. Familiarity with fundamentals of Russian grammar, particularly case endings, verb conjugation, and elementary competence in spoken Russian.**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Russian
FAS: Final Assessment Category	Three-hour Exam

FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	Russian

Russian BAB

Intermediate Russian (Intensive) (110903)

Natalia Chirkov

2020 Spring (8 Credits) **Schedule:** MTWRF 0900 AM - 1000 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An intensive version of Russian Ba and Russian Bb, covering the same material in a single semester. Class meets five days per week with five hours of the main section and three hours of small group speaking practice each week. Readings may vary.

Course Notes: **This course will meet five days a week from 9am to 10am. In addition, students will be required to attend three additional one-hour speaking practice sections each week on Mondays, Wednesdays, and Fridays. Meeting times for the small group sections will be determined at the start of term based on students' availability.**

Any full course in Russian at the B-level (Russian Ba-Bb, Russian BTA-BTB, or Intensive Russian BAB) will prepare students for continued study of Russian at the advanced level (Russian 101) and for study or travel abroad in Russian-speaking countries.

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: https://slavic.fas.harvard.edu/language-course-notes

Recommended Prep: **Russian AA-AB, AAB, ATA-ATB, AH, or placement at the B-level. Familiarity with fundamentals of Russian grammar, particularly case endings, verb conjugation, and elementary competence in spoken Russian.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Meets Foreign Lang Req	Russian
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Russian
FAS Course Roll	FAS Course Roll

Russian BB

Intermediate Russian II (159653)

Steven Clancy

Veronika Egorova

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1130 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Part two of a two-part intermediate course in modern Russian language and culture for students with previous study of the language. Further development of vocabulary and oral expression within a comprehensive review of Russian grammar. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed as students learn to use the language both as a means of communication and as a tool for reading and research. Systematic study of word formation and other strategies are taught to help free students from excessive dependence on the dictionary and develop confidence in reading. Vocabulary is thematically organized to include such topics as self and family, education, work, human relationships, politics, and national attitudes and is reinforced through film and the reading of classical and contemporary fiction and history. Practice in the etiquette of common social situations (sociolinguistic competence). Computer exercises on selected topics.

Course Notes: **Part two of a two-part series. Students are strongly encouraged to enroll in Russian BA in the fall and Russian BB in the spring within the same academic year. - - -**

This course will also meet for two additional hours of speaking practice on Tuesdays and Thursdays. Meeting times for the T-Th practice sections are subject to adjustment based on students' availability. See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: https://slavic.fas.harvard.edu/language-course-notes. - - -

Any full course in Russian at the B-level (Russian Ba-Bb, Russian BTA-BTB, or Intensive Russian BAB) will prepare students for continued study of Russian at the advanced level (Russian 101) and for study or travel abroad in Russian-speaking countries.

Recommended Prep: **Russian BA or Russian BTA, or placement into BB/BTB.**

Requirements: **Prerequisite RUSS BA**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Russian
Full Year Course	Divisible Course
FAS Divisional Distribution	None
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam
FAS: Meets Foreign Lang Req	Russian
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Russian 101

Advanced Russian I (120717)

Veronika Egorova

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course continues development of speaking and reading proficiency. Vocabulary work emphasizes verbs and verb government as essential to effective communication. Work on word formation to increase reading vocabulary. Texts for reading and discussion include works in prose, poetry, and film (Kazakov, Shvartz, Akhmatova).

This course includes a community service component. Students deepen their knowledge of the course content by interviewing residents of the 2Life Communities: Brighton campus, who are émigrés from the former Soviet Union. The final project for the course is a presentation shared with the community.

Course Notes: **Interested students should contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions regarding scheduling conflicts. With sufficient enrollments it is possible that this course will be offered in an additional section on MW in a different time slot. ---**

This course will also meet for two additional hours of speaking practice on Tuesdays and Thursdays. Meeting times for the T-Th practice sections are subject to adjustment based on students' availability. See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: https://slavic.fas.harvard.edu/language-course-notes

Recommended Prep: **Russian BB, BTB, BAB, or placement at this level.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Russian
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Russian

Russian 101 Section: 002

Advanced Russian I (120717)

Veronika Egorova

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course continues development of speaking and reading proficiency. Vocabulary work emphasizes verbs and verb government as essential to effective communication. Work on word formation to increase reading vocabulary. Texts for reading and discussion include works in prose, poetry, and film (Kazakov, Shvartz, Akhmatova).

This course includes a community service component. Students deepen their knowledge of the course content by interviewing residents of the 2Life Communities: Brighton campus, who are émigrés from the former Soviet Union. The final project for the course is a presentation shared with the community.

Course Notes: **Interested students should contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions regarding scheduling conflicts. With sufficient enrollments it is possible that this course will be offered in an additional section on MW in a different time slot. ---**

This course will also meet for two additional hours of speaking practice on Tuesdays and Thursdays. Meeting times for the T-Th practice sections are subject to adjustment based on students' availability. See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: https://slavic.fas.harvard.edu/language-course-notes

Recommended Prep: **Russian BB, BTB, BAB, or placement at this level.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Russian
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Russian
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students

Russian 102

Advanced Russian: Introduction to the Language of Social Sciences and the Media (112835)

Steven Clancy

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Introduction to the language of Russian newspapers, journals, and historical writing. Basic vocabulary for such areas as current events, including politics, history, economics, military issues, society, and the environment. Systematic study of word formation and other strategies are taught to help free students from excessive dependence on the dictionary and develop confidence in reading.

Intended for students who desire a professional level of reading proficiency in the social sciences. Intensive work on morphology and supplementary work on oral comprehension.

Course Notes: **This course will also met for one additional hour of speaking practice. The meeting time for the small group section will be determined at the start of term based on students' availability.**

Recommended Prep: **Russian 101, placement, or permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
HCOL: Foreign Lang Citation	Russian
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Russian

Russian 103

Advanced Russian II: Reading, Composition, and Conversation (124105)

Veronika Egorova

Philip Redko

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Continuing work on vocabulary and grammar centering on verbs and verb government. Readings include works by Chekhov and Dostoevsky, poetry, and film.

Course Notes: **Interested students should contact the Director of the Slavic Language Program, Steven Clancy (sclancy@fas.harvard.edu), with any questions.With sufficient enrollments it is possible that this course will be offered in an additional section on MW in a different time slot. ---**

This course will also meet for two additional hours of speaking practice on Tuesdays and Thursdays. Meeting times for the T-Th practice sections are subject to adjustment based on students' availability. See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: https://slavic.fas.harvard.edu/language-course-notes

Recommended Prep: **Russian 101 or placement at the 103 level.**

Requirements: **Prerequisite RUSS 101**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Meets Foreign Lang Req	Russian
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Russian

Russian 103 Section: 002

Advanced Russian II: Reading, Composition, and Conversation (124105)

Veronika Egorova

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Continuing work on vocabulary and grammar centering on verbs and verb government. Readings include works by Chekhov and Dostoevsky, poetry, and film.

Course Notes: **Interested students should contact the Director of the Slavic Language Program, Steven Clancy (sclancy@fas.harvard.edu), with any questions.With sufficient enrollments it is possible that this course will be offered in an additional section on MW in a different time slot. ---**

This course will also meet for two additional hours of speaking practice on Tuesdays and Thursdays. Meeting times for the T-Th practice sections are subject to adjustment based on students'

availability. See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: https://slavic.fas.harvard.edu/language-course-notes

Recommended Prep: **Russian 101 or placement at the 103 level.**

Requirements: **Prerequisite RUSS 101**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Russian
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Russian
All: Cross Reg Availability	Available for Harvard Cross Registration

Russian 111

Advanced Russian: Readings in Russian/Post-Soviet Studies (110859)

Natalia Pokrovsky

2019 Fall (4 Credits) **Schedule:** MWF 0130 PM - 0230 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Reading and discussion of topics in the areas of history, economics, politics, and current events. Continued work on grammar and vocabulary with written exercises and compositions. TV viewing for comprehension development.

Recommended Prep: **Russian 101 and 103, Russian 102r, or placement at the level of Russian 111/113.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Final Assessment Category	Three-hour Exam
HCOL: Foreign Lang Citation	Russian
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Russian
FAS Course Roll	FAS Course Roll

Russian 112

Advanced Russian: Russian Media (112854)

Natalia Pokrovsky

2020 Spring (4 Credits) **Schedule:** MF 0130 PM - 0245 PM
W 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For students who already have experience reading Russian periodicals. Readings in and analysis of current topics and their presentation in the Russian press. Examination of the history of selected periodicals. Viewing of Russian news programs and analysis of language and content.

Recommended Prep: **Russian 102r and an additional course at the level of Russian 101 or above, or Russian 111 with permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Russian
HCOL: Foreign Lang Citation	Russian
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Russian 113

Advanced Russian: Readings in Russian Literature (127533)

Natalia Pokrovsky

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1130 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Reading and discussion of classic and contemporary Russian literature. Continued work on vocabulary expansion and composition. Written exercises for reinforcement. Readings from authors such as Gogol, Chekhov, Bulgakov, Pasternak, Brodsky, and Bitov.

Recommended Prep: **Russian 103, 114, or placement at this level or above.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Russian
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
HCOL: Foreign Lang Citation	Russian
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Russian 114

Advanced Russian: Russian Cultural Self-Images and National "Mentality" (122814)

Natalia Pokrovsky

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1130 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Through readings and film, we explore Russian cultural attitudes and self-images as socio-cultural context. Topics include cultural perceptions of self as nation and as cultural "mentality," the collective vs. the individual, attitudes toward friendship, the family and women, law, crime, prestige and success, and ethnic difference. Concentrates on vocabulary and phrasing, and includes extensive writing practice.

Recommended Prep: **Russian 103, 113, or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Russian
FAS: Meets Foreign Lang Req	Russian
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Russian 115

Advanced Russian for Academic and Professional Communication (130702)

Veronika Egorova

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Emphasis on close reading and stylistic analysis of the Russian language with continued development of grammatical, sociolinguistic, strategic, and discourse competencies at an advanced level. Emphasis on close reading and stylistic analysis of the Russian language with continued development of grammatical, sociolinguistic, strategic, and discourse competencies at an advanced level. Emphasis on reading and writing with considerable practice in speaking and presenting for professional and academic purposes.

Recommended Prep: **Russian 113, 114, or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Russian
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Russian
FAS: Course Level	For Undergraduate and Graduate Students

Russian 120R

Supervised Readings in Advanced Russian (120380)

Steven Clancy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Intended for students who have already taken other department offerings. Reading, discussion, and writing on special topics not addressed in other courses. Conducted as a tutorial. Requires a course proposal to apply; acceptance is not automatic. See note on independent language tutorials on our website for details about the application process.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Russian
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Russian
FAS: Course Level	For Undergraduate and Graduate Students

Russian 120R

Supervised Readings in Advanced Russian (120380)

Steven Clancy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Intended for students who have already taken other department offerings. Reading, discussion, and writing on special topics not addressed in other courses. Conducted as a tutorial. Requires a course proposal to apply; acceptance is not automatic. See note on independent language tutorials on our website for details about the application process.

Course Notes: **Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Russian
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Russian

Subject: Polish

Polish AA

Elementary Polish I (123076)

Anna Baranczak

2019 Fall (4 Credits) **Schedule:** MWF 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Part one of a two part introductory course in modern Polish language and culture, designed for students without previous knowledge who would like to speak Polish or use the language for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed. Students are exposed to Polish culture through reading of prose and poetry as they learn to use the language both as a means of communication and as a tool for reading and research.

Polish AA: Elementary Polish I together with Polish AB: Elementary Polish II satisfy the foreign language requirement and prepare students for continued study of Polish in intermediate-level courses and for study or travel abroad in Poland.

Course Notes: **This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions. For information on meetings during the first week of classes, please see https://slavic.fas.harvard.edu/language-courses. - - -**

Part one of a two-part series. Students are strongly encouraged to enroll in Polish AA in the fall and Polish AB in the spring within the same academic year. - - -

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: https://slavic.fas.harvard.edu/language-course-notes

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
HCOL: Foreign Lang Citation	Polish
FAS: Meets Foreign Lang Req	Polish
Full Year Course	Divisible Course

Polish AB

Elementary Polish II (159996)

Anna Baranczak

Steven Clancy

2020 Spring (4 Credits) **Schedule:** MWF 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Part two of a two part introductory course in modern Polish language and culture, designed for students without previous knowledge who would like to speak Polish or use the language for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed. Students are exposed to Polish culture through reading of prose and poetry as they learn to use the language both as a means of communication and as a tool for reading and research.

Polish AA: Elementary Polish I together with Polish AB: Elementary Polish II satisfy the foreign language requirement and prepare students for continued study of Polish in intermediate-level courses and for study or travel abroad in Poland.

Course Notes: **This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions. For information on**

meetings during the first week of classes, please see https://slavic.fas.harvard.edu/language-courses. • • •

Part two of a two-part series. Students are strongly encouraged to enroll in Polish AA in the fall and Polish AB in the spring within the same academic year. - - -

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: https://slavic.fas.harvard.edu/language-course-notes

Requirements: **Prerequisite PLSH AA**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Polish
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
Full Year Course	Divisible Course
FAS Divisional Distribution	None

Polish BA

Intermediate Polish I (124971)

Anna Baranczak

2019 Fall (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Part one of a two part intermediate course in modern Polish language and culture for students with previous study of the language. Further development of vocabulary and oral expression within a comprehensive review of Polish grammar. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed as students learn to use the language both as a means of communication and as a tool for reading and research. Introduction to Polish literature through fiction and poetry, history and contemporary events, including readings from literary masterpieces from Polish literature from the era of the Renaissance to contemporary times including Jan Kochanowski, Wisława Szymborska, Zbigniew Herbert, Czesław Miłosz and others. Film clips and newspaper articles will introduce students to a variety of styles of contemporary Polish. Systematic study of word formation and other strategies are taught to help free students from excessive dependence on the dictionary and develop confidence in reading.

Intermediate Polish I and Intermediate Polish II together prepare students for continued study of Polish in advanced-level courses and for study or travel abroad in Poland.

Course Notes: **This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions. For information on meetings during the first week of classes, please see https://slavic.fas.harvard.edu/language-courses. - - -**

Part one of a two-part series. Students are strongly encouraged to enroll in Polish BA in the fall and Polish BB in the spring within the

same academic year. - - -

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: https://slavic.fas.harvard.edu/language-course-notes

Recommended Prep: **Polish AB or placement at the B-level. Familiarity with fundamentals of Polish grammar, particularly case endings and elementary competence in spoken Polish.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Polish
FAS Course Roll	FAS Course Roll
Full Year Course	Divisible Course
FAS: Meets Foreign Lang Req	Polish
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Polish BB

Intermediate Polish II (160408)

Anna Baranczak

Steven Clancy

2020 Spring (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Part two of a two part intermediate course in modern Polish language and culture for students with previous study of the language. Further development of vocabulary and oral expression within a comprehensive review of Polish grammar. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed as students learn to use the language both as a means of communication and as a tool for reading and research. Introduction to Polish literature through fiction and poetry, history and contemporary events, including readings from literary masterpieces from Polish literature from the era of the Renaissance to contemporary times including Jan Kochanowski, Wisława Szymborska, Zbigniew Herbert, Czesław Miłosz and others. Film clips and newspaper articles will introduce students to a variety of styles of contemporary Polish. Systematic study of word formation and other strategies are taught to help free students from excessive dependence on the dictionary and develop confidence in reading.

Intermediate Polish I and Intermediate Polish II together prepare students for continued study of Polish in advanced-level courses and for study or travel abroad in Poland.

Course Notes: **This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions. For information on meetings during the first week of classes, please see https://slavic.fas.harvard.edu/language-courses. • • •**

Part two of a two-part series. Students are strongly encouraged to enroll in Polish BA in the fall and Polish BB in the spring within the same academic year. - - -

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: https://slavic.fas.harvard.edu/language-course-notes

Recommended Prep: **Polish Ba or placement at the B-level. Familiarity with fundamentals of Polish grammar, particularly case endings and elementary competence in spoken Polish.**

Requirements: **Prerequisite PLSH BA**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Polish
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
Full Year Course	Divisible Course
HCOL: Foreign Lang Citation	Polish
FAS Course Roll	FAS Course Roll

Polish CR

Advanced Polish (109342)

Anna Baranczak

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individualized study of the Polish language at the advanced level. Emphasis on reading with some practice in speaking and writing for professional and academic purposes. Conducted as a tutorial.

Course Notes: **Departmental languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student. Please contact the Director of the Slavic Language Program, Steven Clancy (sclancy@fas.harvard.edu), with any questions.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Polish
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Polish
FAS: Course Level	For Undergraduate and Graduate Students

Polish CR

Advanced Polish (109342)

Anna Baranczak

Steven Clancy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individualized study of the Polish language at the advanced level. Emphasis on reading with some practice in speaking and writing for professional and academic purposes. Conducted as a tutorial.

Course Notes: **Departmental languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student. Please contact the Director of the Slavic Language Program, Steven Clancy (sclancy@fas.harvard.edu), with any questions.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Polish
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Polish
FAS Divisional Distribution	Arts and Humanities

Subject: Ukrainian

Ukrainian AA

Elementary Ukrainian I (116414)

Volodymyr Dibrova

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An introductory course in modern Ukrainian language and culture, designed for students without previous knowledge who would like to speak Ukrainian or use the language for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed. Students are exposed to Ukrainian culture through work with prose and poetry as they learn to use the language both as a means of communication and as a tool for reading and research.

This year-long full course satisfies the foreign language requirement and prepares students for continued study of Ukrainian in intermediate-level courses and for study or travel abroad in Ukraine. Part one of a two-part series.

Course Notes: **This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions. For information on meetings during the first week of classes, please see https://slavic.fas.harvard.edu/language-courses. - - -**

Part one of a two-part series. Students are strongly encouraged to enroll in Ukrainian AA in the fall and Ukrainian AB in the spring within the same academic year. - - -

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: https://slavic.fas.harvard.edu/language-course-notes

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Ukrainian
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
Full Year Course	Divisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	None

Ukrainian BR

Intermediate Ukrainian (110008)

Volodymyr Dibrova

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individualized study of the Ukrainian language at the Intermediate level. Emphasis on reading with some practice in speaking and writing for professional and academic purposes. Conducted as a tutorial.

Course Notes: **Departmental languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student. Please contact the Director of the Slavic Language Program, Steven Clancy (sclancy@fas.harvard.edu), with any questions. Interested students should consult with the Ukrainian course instructor and prepare a coherent plan for the course based on the information provided in the "Note on independent language tutorials ("R" Courses)" found at: https://slavic.fas.harvard.edu/pages/language-study**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Ukrainian
FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	Ukrainian
FAS Course Roll	FAS Course Roll

Ukrainian BR

Intermediate Ukrainian (110008)

Volodymyr Dibrova

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individualized study of the Ukrainian language at the Intermediate level. Emphasis on reading with some practice in speaking and writing for professional and academic purposes. Conducted as a tutorial.

Course Notes: **Departmental languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the**

student. Please contact the Director of the Slavic Language Program, Steven Clancy (sclancy@fas.harvard.edu), with any questions. Interested students should consult with the Ukrainian course instructor and prepare a coherent plan for the course based on the information provided in the "Note on independent language tutorials ("R" Courses)" found at: https://slavic.fas.harvard.edu/pages/language-study

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Ukrainian
FAS Divisional Distribution	None
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Ukrainian
FAS Course Roll	FAS Course Roll

Ukrainian CR

Advanced Ukrainian (110599)

Volodymyr Dibrova

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individualized study of the Ukrainian language at Advanced level. Emphasis on reading with some practice in speaking and writing for professional and academic purposes. Conducted as a tutorial.

Course Notes: **Departmental languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student. Please contact the Director of the Slavic Language Program, Steven Clancy (sclancy@fas.harvard.edu), with any questions. Interested students should consult with the Ukrainian course instructor and prepare a coherent plan for the course based on the information provided in the "Note on independent language tutorials ("R" Courses)" found at: https://slavic.fas.harvard.edu/pages/language-study**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Ukrainian
HCOL: Foreign Lang Citation	Ukrainian
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

Ukrainian CR

Advanced Ukrainian (110599)

Volodymyr Dibrova

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individualized study of the Ukrainian language at Advanced level. Emphasis on reading with some practice in speaking and writing for professional and academic purposes. Conducted as a tutorial.

Course Notes: **Departmental languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student. Please contact the Director of the Slavic Language Program, Steven Clancy (sclancy@fas.harvard.edu), with any questions. Interested students should consult with the Ukrainian course instructor and prepare a coherent plan for the course based on the information provided in the "Note on independent language tutorials ("R" Courses)" found at: https://slavic.fas.harvard.edu/pages/language-study**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Ukrainian
HCOL: Foreign Lang Citation	Ukrainian
All: Cross Reg Availability	Available for Harvard Cross Registration

Subject: Czech

Czech AA

Elementary Czech I (111301)

Veronika Tuckerova

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Part one of a two part introductory course in modern Czech language and culture, designed for students without previous knowledge who would like to speak Czech or use the language for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed. Students are exposed to Czech culture through work with film and literature and gain some familiarity with the major differences between literary and spoken Czech as they learn to use the language both as a means of communication and as a tool for reading and research.

Czech AA: Elementary Czech I (in the fall) and Czech AB: Elementary Czech II (in the spring) satisfy the foreign language requirement and prepare students for continued study of Czech in intermediate-level courses and for study or travel abroad in the Czech Republic.

Course Notes: **This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions. For information on meetings during the first week of classes, please see https://slavic.fas.**

harvard.edu/language-courses. - - -

Part one of a two-part series. Students are strongly encouraged to enroll in Czech AA in the fall and Czech AB in the spring within the same academic year. - - -

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: https://slavic.fas.harvard.edu/language-course-notes

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
FAS: Meets Foreign Lang Req	Czech
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	Chech
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Czech AB

Elementary Czech II (159660)

Veronika Tuckerova

2020 Spring (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Part two of a two part introductory course in modern Czech language and culture, designed for students without previous knowledge who would like to speak Czech or use the language for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed. Students are exposed to Czech culture through work with film and literature and gain some familiarity with the major differences between literary and spoken Czech as they learn to use the language both as a means of communication and as a tool for reading and research.

Czech AA: Elementary Czech I (in the fall) and Czech AB: Elementary Czech II (in the spring) satisfy the foreign language requirement and prepare students for continued study of Czech in intermediate-level courses and for study or travel abroad in the Czech Republic.

Course Notes: **This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions. For information on meetings during the first week of classes, please see https://slavic.fas.harvard.edu/language-courses. • • •**

Part two of a two-part series. Students are strongly encouraged to enroll in Czech AA in the fall and Czech AB in the spring within the same academic year. - - -

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: https://slavic.fas.harvard.edu/language-course-notes

Requirements: **Prerequisite CZCH AA**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Czech
FAS Course Roll	FAS Course Roll
Full Year Course	Divisible Course
FAS: Course Level	For Undergraduate and Graduate Students

Czech BA

Intermediate Czech I (121469)

Veronika Tuckerova

2019 Fall (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Part one of a two part intermediate course in modern Czech language and culture for students with previous study of the language. Further development of vocabulary and oral expression within a comprehensive review of Czech grammar. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed as students learn to use the language both as a means of communication and as a tool for reading and research. Systematic study of word formation and other strategies are taught to help free students from excessive dependence on the dictionary and develop confidence in reading. Increased exposure to the differing registers of Czech in its literary and spoken forms.

The two part course prepares students for continued study of Czech in advanced-level courses and for study or travel abroad in the Czech Republic.

Course Notes: **This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions. For information on meetings during the first week of classes, please see https://slavic.fas.harvard.edu/language-courses. - - -**

Part one of a two-part series. Students are strongly encouraged to enroll in Czech BA in the fall and Czech BB in the spring within the same academic year. - - -

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: https://slavic.fas.harvard.edu/language-course-notes

Recommended Prep: **Completed Czech AB, or placement at the B-level. Familiarity with fundamentals of Czech grammar, particularly case endings and elementary competence in spoken Czech.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
Full Year Course	Divisible Course
FAS Divisional Distribution	None

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Czech
HCOL: Foreign Lang Citation	Chech

Czech BB

Intermediate Czech II (159716)

Veronika Tuckerova

2020 Spring (4 Credits) **Schedule:** MWF 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Part two of a two part intermediate course in modern Czech language and culture for students with previous study of the language. Further development of vocabulary and oral expression within a comprehensive review of Czech grammar. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed as students learn to use the language both as a means of communication and as a tool for reading and research. Systematic study of word formation and other strategies are taught to help free students from excessive dependence on the dictionary and develop confidence in reading. Increased exposure to the differing registers of Czech in its literary and spoken forms.

The two part course prepares students for continued study of Czech in advanced-level courses and for study or travel abroad in the Czech Republic.

Course Notes: **This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions. For information on meetings during the first week of classes, please see https://slavic.fas.harvard.edu/language-courses. • • •**

Part two of a two-part series. Students are strongly encouraged to enroll in Czech BA in the fall and Czech BB in the spring within the same academic year. - - -

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: https://slavic.fas.harvard.edu/language-course-notes

Recommended Prep: **Czech BA or placement at the B-level. Familiarity with fundamentals of Czech grammar, particularly case endings and elementary competence in spoken Czech.**

Requirements: **Prerequisite CZCH BA**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
Full Year Course	Divisible Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Chech
FAS: Meets Foreign Lang Req	Czech
FAS Course Roll	FAS Course Roll

Czech CR

Advanced Czech (123797)

Veronika Tuckerova

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individualized study of the Czech language at the advanced level. Emphasis on reading with some practice in speaking and writing for professional and academic purposes. Conducted as a tutorial.

Course Notes: **Departmental languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student. Please contact the Director of the Slavic Language Program, Steven Clancy (sclancy@fas.harvard.edu), with any questions.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Czech
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Chech

Czech CR

Advanced Czech (123797)

Veronika Tuckerova

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individualized study of the Czech language at the advanced level. Emphasis on reading with some practice in speaking and writing for professional and academic purposes. Conducted as a tutorial.

Course Notes: **Departmental languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student. Please contact the Director of the Slavic Language Program, Steven Clancy (sclancy@fas.harvard.edu), with any questions.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Chech
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Czech
FAS Course Roll	FAS Course Roll

Social Policy

Subject: Social Policy

Social Policy 300

Reading and Research (119001)

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Social Policy 302

Doctoral Dissertation Research (117694)

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Social Policy 303QC Section: 1

Introduction to Social Policy Research (126520)

Alexandra Killewald

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required of and limited to first-year PhD students in Social Policy.

Course Notes: **This course may be taken only for quarter credit.**

Recommended Prep: **Limited to first-year PhD students in Social Policy.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Social Studies

Subject: Social Studies

Social Studies 10A

Introduction to Social Studies (115470)

Eric Beerbohm

Alexander Gourevitch

2019 Fall (4 Credits) **Schedule:** T 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 144

This course offers an introduction to the classic texts of social theory of the eighteenth and nineteenth centuries. Our focus will be on the rise of democratic, capitalist societies and the concomitant development of modern moral, political, and economic ideas. Authors we will examine include Jean-Jacques Rousseau, Adam Smith, Alexis de Tocqueville, John Stuart Mill, and Karl Marx.

Course Notes: **This course is limited to sophomores and Social Studies concentrators. This course is a prerequisite for sophomores applying to Social Studies. Students planning to take this class must attend the first lecture to be admitted.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

Social Studies 10B

Introduction to Social Studies (123964)

Brandon Terry

2020 Spring (4 Credits) **Schedule:** T 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This class continues the introduction to the classic texts of social theory begun in Social Studies 10a through the twentieth century. Authors include Friedrich Nietzsche, Max Weber, Emile Durkheim, W.E.B. Du Bois, Sigmund Freud, Simone de Beauvoir, Frantz Fanon, and Michel Foucault.

Course Notes: **This course is limited to sophomores and Social Studies concentrators. This course is a prerequisite for sophomores applying to Social Studies. Students planning to take this class must attend the first lecture to be admitted.**

Requirements: **Prerequisite: Social Studies 10a AND Social Studies Concentrators**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences

FAS: Course Level	Primarily for Undergraduate Students

Social Studies 50

Foundations of Social Science Research (213384)

Adaner Usmani

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 50

This course has two goals. First, to introduce students to the diversity of methods that social scientists use to answer questions about the social world. Second, to prepare thesis writers to conduct original research. We will survey both qualitative and quantitative approaches, reading a combination of methodological texts and exemplary empirical work. For their final project, students will write a research proposal that will anchor their future thesis work.

Class Notes: **The discussion sections for this course will be held on Wednesdays from 3:00-4:00 p.m. and 4:00-5:00 p.m.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Social Studies 60

Methods Training for Social and Political Theorists (213383)

Don Tontiplaphol

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Is social-scientific knowledge possible? How does empirical research depend on conceptual analysis? What is the relationship between normative theory and empirical reality? This course investigates different modes of theorizing and integrates them into the philosophical foundations of the social sciences. Units include "Epistemology and Social Explanation"; "Conceptual Analysis and the Human Sciences"; "Political Theory and Historiography"; "Normativity, Critique, and Political Realism." Recommended preparation for senior-thesis research in social and political theory, including the epistemology of social science. Continuation of the methodological themes of Social Studies 10b; intended for first-term juniors and first-term seniors.

Course Notes: **This course will be lotteried.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Social Studies 68EA

Engaged Philosophy: The Theory and Practice of Altruism (213258)

Bonnie Talbert

2020 Spring (4 Credits) **Schedule:** M 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Many people feel that it is important to help others and to make the world a better place. This altruistic mission sounds like a noble goal, but like all missions, it requires thoughtful planning and reflection. The main question this course will address is "What is altruism?" We will approach this question from a variety of interdisciplinary perspectives such as biology, psychology, political theory, and moral philosophy. Are we naturally altruistic, or are all actions in some sense selfish? How do we know when we are helping others? We will spend a good portion of the course on the "effective altruism" movement, which aims to maximize the amount of good that each of us can do. We will read stories of people who earn money for the sake of giving it away, people who have donated kidneys to strangers, people who adopted over 20 children, and many other examples that illustrate (or not!) different ways of being altruistic. The ultimate goal of this course is to help students think about what it means to help not just theoretically, but also in practice, both by reading examples and by engaging in altruistic activities of their own.

This is an Engaged Scholarship course, limited to students who volunteer in a PBHA or other community-based program. Open to students in all concentrations.

Course Notes: **This course will be lotteried.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Social Studies 91

Supervised Reading and Research (119116)

Anya Bassett

Nicole Newendorp

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in Social Studies on a topic not covered by regular courses of instruction. Permission of the Director of Studies required.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration

Social Studies 91

Supervised Reading and Research (119116)

Anya Bassett

Nicole Newendorp

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in Social Studies on a topic not covered by regular courses of instruction. Permission of the Director of Studies required.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration

Social Studies 96SD

The Crisis of Social Democracy: Its History and its Future (213283)

E. J. Dionne

James Kloppenberg

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Social democracy, which in the US has been associated with the left-wing of the Democratic Party, has attracted non-communist leftists around the world for over a century. Securing equal participation for all persons in political, economic, and social decision-making has been the aim of social democrats. Will social democracy—and the regulated capitalist welfare states it created—survive, or give way to autocracy, ethnic and national exclusion, and/or neoliberal globalism? Students will read and discuss primary and secondary sources and write research papers on the past or the present of social democracy.

Course Notes: **This course is also offered through the History Department as History 14L. Credit may be earned for either SOC-STD 96SD or History 14L, but not both. This course will be lotteried.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Social Studies 98AX

Development and Modernization: A Critical Perspective (116329)

Stephen Marglin

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

What assumptions about human beings underlie the conviction that development and modernization constitute progress, that the developed West points the way for the rest of the world? Does economic

growth involve a package that necessarily changes the society, the polity, and the culture along with the economy? This tutorial provides a framework for thinking about these questions, both in the context of the West, and in the context of the Third World. This is a junior tutorial.

Course Notes: **This course will be lotteried.**

Class Notes: **This course will run from 12:15-2:15 p.m.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Social Studies 98CL

Law and American Society (121345)

Terry Aladjem

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

The course examines law as a defining force in American culture and society in four dimensions: as it establishes individual rights, liberties, and limits of toleration; as it attempts to resolve differences among competing constituencies; as it sets out terms of punishment and social control, and as a source of informing images and ideological consistency. We will take up issues at the level of jurisprudence or political theory, but also at the level of legal cases and public controversy in which these questions arise—cases in which racial or gender equality are at stake, religious or sexual freedom, cases in which the claims of religious communities seem irreconcilable, cases in which the nature and extent of punishment have been debated and the question of who deserves to be punished decided, and notorious public trials in which the national self-understanding has been shaped. Our aim is to bring theory to bear, and down to earth, in each consideration, (we will read Foucault and also visit a prison) and since this is an inaugural presidential year, the issues being debated publicly concerning the law and U.S. Constitution will be much on our minds. This is a junior tutorial.

Course Notes: **A prison trip is planned, subject to approval. April date to be determined. This course will be lotteried.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration

Social Studies 98EO

Art, Political Culture, and Civic Life (116288)

Kiku Adatto

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

The seminar explores the interplay of the arts, popular culture and civic life. It will draw on studies in art, history, political philosophy, literature, sociology, and photography. Among the questions we will address are: How is historical memory constructed, and what are the competing forces that shape it? What is the significance of public apologies, and does solidarity create moral responsibilities for historical injustices? How is cultural domination exerted, and how is it resisted? Under what circumstances, if any, should art be repatriated? In what ways does rhetoric shape politics, and what role does it play in national narratives? Why does the contest to control images loom so large in politics, the media, and in our everyday lives? This is a junior tutorial.

Course Notes: **This course will be lotteried.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Social Studies 98LF

Globalization and the Nation State (125982)

Nicolas Prevelakis

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

Despite globalization, the nation is still a major actor in today's world. This course tries to understand why this is so by examining the role that nationalism plays in peoples' identities and the effects of globalization on nations and nation-states. It includes theoretical texts, but also case studies from the recent rise of populism and authoritarianism, the role of supranational entities such as the European Union, and the urgency of global issues such as climate change, inequality, and migration. Examples from the United States, Europe, Latin America, China, and the Middle East. This is a junior tutorial.

Course Notes: **This course will be lotteried.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

Social Studies 98MI

Migration in Theory and Practice (127021)

Nicole Newendorp

2019 Fall (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

In this course, we will examine how and why people migrate from one location to another, focusing both on the theoretical paradigms scholars use to explain migration processes as well as on the individual experiences of migrants. Topics include transnationalism, diaspora, identity formation, integration and assimilation, citizenship claims, and the feminization of migration. Ethnographic readings focus primarily

on migration to the US, but also include cases from other world areas, most notably Asia. This is a junior tutorial.

Course Notes: **This course will be lotteried.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences

Social Studies 98NB

Inequality and Social Mobility in America (127817)

Anya Bassett

2019 Fall (4 Credits) **Schedule:** R 0345 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

The United States is currently experiencing high levels of income and wealth inequality and stagnant social mobility. This course will ask why this is and what, if anything, should be done about it. We will consider both social and individual explanations for inequality and social mobility, and we will examine efforts to decrease inequality and increase social mobility through educational and legal means. This is a junior tutorial.

Course Notes: **This course will be lotteried.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Social Studies 98ND

Justice and Reconciliation after Mass Violence (128057)

Jonathan Hansen

2020 Spring (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

This seminar examines the problem of justice and reconciliation after mass violence: How does a nation sundered by genocide, civil war, or gross human rights violations reestablish the social trust and civic consciousness required of individual and collective flourishing? What is the proper balance between individual and collective responsibility? What is the role of apology (or confession) and amnesty in civil reconciliation? How do specific types of mass violence influence outcomes? What makes some reconciliations successful, others less so? The course engages these and other questions from historical and contemporary perspectives, exploring the legacy of mass violence going back centuries, while examining reconciliation projects across cultures, countries, and continents.

This course comprises three units: 1) a typology of mass violence (civil war, genocide, state repression, for instance) and historical responses; 2) case studies of the U.S. Civil War (and its continuing legacy), the Balkan Wars, and the Rwandan genocide; and 3) a research and writing workshop emphasizing students

own work. The goal of the course is to introduce students to the literature of mass violence from an interdisciplinary perspective (including but not limited to historical, sociological, and anthropological approaches), ultimately launching students on their own research projects. This is a junior tutorial.

Course Notes: **This course will be lotteried.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Social Studies 98NQ

Global East Asia (108761)

Nicole Newendorp

2020 Spring (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

In this course, we will explore how social life in contemporary East Asia is both influenced by and contributes to processes of globalization. Ethnographic readings on China, Korea, and Japan focus on migration, gender roles, consumption, media, and markets as we trace the role of the global in everyday life for rural and urban inhabitants of a variety of East Asian locations. For these individuals, engagement with the global structures how they make sense of the world and creates desires for future life change. This is a junior tutorial.

Course Notes: **This course will be lotteried.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration

Social Studies 98OC

Humans, Technology, and Biopolitics (109964)

Anya Bernstein

2019 Fall (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

Recent scientific and technological advances are increasingly questioning what it means to be human. Debates on life extension, gene editing, and artificial intelligence regularly appear in the media, with views ranging from techno-optimism—the idea that such breakthroughs will deliver us from suffering—to the warnings that technoscience is advancing at such a rapid pace, that there is not enough time for ethical guidelines to be developed. Some argue that science is increasingly delivering on the promises traditionally made by Judeo-Christian religions, while others assert that such techno-optimist thinking is a kind of new religion in and of itself. Debates around emerging technologies cut across traditional political lines, making them specifically biopolitical, where such issues as human enhancement, control of reproduction, genetic engineering, and many others, create new types of political positions and actors.

This course will examine these issues, focusing specifically on what concepts of "the human" emerge from these debates, and how certain ideas about the future affect how we live and manage our time now, as futurist discourses are producing affective states of both hope and fear. Among the case studies for this course, we will look at the cultural and philosophical movements of transhumanism and posthumanism, new utopian and eschatological imaginaries, as well as ethical and legal questions of developing and using biomedical technologies, including their non-therapeutic use. As we proceed, we will pay particular attention to the shifting relations between body and person, human and time, transcendence and corporality, and technology and biology, while discussing how they contribute to the rethinking of the human condition in the technological age. Materials for the course will include academic pieces from a range of disciplines: STS, anthropology, philosophy, bioethics, as well as non-academic media sources, documentaries, and science fiction films. This is a junior tutorial.

Course Notes: **This course will be lotteried.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

Social Studies 98OW

Crime and Security in Latin America (203415)

Ieva Jusionyte

2020 Spring (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 10

This course examines crime and security in Latin America (and their relation to the United States). We'll focus on the following questions: What is the logic behind naming some but not other things and practices criminal? How does the act of outlawing stem from and feed into anxieties over safety? To what extent does crime produce insecurity, and how does insecurity create crime? Particular attention will be paid to the power asymmetries that underlie legal and political construction of threats and the significance of an ethnographic approach to understanding these dynamics and their effects. This is a junior tutorial.

Course Notes: **This course will be lotteried.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration

Social Studies 98PF

Rethinking Transnational Feminism (160159)

Angela Maione

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

While some claim that global feminism is made possible by a shared common condition among women,

others argue that power differentials make such claims nonsensical. What does transnational feminism mean for politics today? Can it be democratic? How have historical figures attempted to think and act on a world stage? This course offers a broad overview of transnational feminism through one genealogy of its appearances in theoretical, social movement, and institutional forms. This is a junior tutorial.

Course Notes: **This course will be lotteried.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Social Studies 98PV

The Critical Theory of the Frankfurt School (156263)

Charles Clavey

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

This junior tutorial examines the distinctive critical theory created by members of the Institute for Social Research—better known as the Frankfurt School—from its origins in the interwar era to the present day. Over these decades, critical theory has used tools from philosophy, psychology, and sociology to grasp the pathologies of the present and to chart a path towards emancipation in the future. We will reconstruct the Frankfurt School's evolving theory through its connections to the most important themes of twentieth-century thought: capitalism, authoritarianism, individuality, bureaucracy, and alienation. Our goal is not only to gain a deep understanding of critical theory but also to assess its continued relevance to modern social and political thought. This is a junior tutorial.

Course Notes: **This course will be lotteried.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Social Studies 98QA

Rawls & the Moral Feelings (205452)

P. MacKenzie Bok

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

This tutorial will use the Harvard archive of the philosopher John Rawls to uncover his work on a complex theory of moral feelings in the 1950s. This moral theory would come to underpin Rawls's political philosophy in his famous text *A Theory of Justice*, yet most of the relevant documents are unpublished. After learning approaches for archival research from this case study, students will write a historical research paper using other materials in the Rawls archive -- or another archive, with permission of the instructor. This is a junior tutorial.

Course Notes: **This course will be lotteried.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences

Social Studies 98QB

Democracy and Education in America (205453)

Leslie Finger

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

This course explores the political dimensions of education policy in the United States. It examines the various political factors that have contributed to modern battles over education policy making. The course draws from political science scholarship as well as other disciplines to explore how race, the courts, unequal political participation, interest group advocacy, social movements, as well as local, state, and federal institutions have impacted education in the U.S. The last few weeks are spent applying these ideas to the case of school choice and charters. Throughout, the course considers the normative implications of education policies and battles, asking how particular education proposals and the behavior of the actors pushing them impact the health of democracy. This is a junior tutorial.

Course Notes: **This course will be lotteried.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Social Studies 98QK

The Ideal of the Open Mind (205483)

Adam Sandel

2019 Fall (4 Credits) **Schedule:** R 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 10

We commonly consider an open mind as essential to fair-minded moral, political, and legal judgment. If you are called for jury duty, for example, you will likely be asked whether you are confident you can judge the case with an open mind. If you answer "no," you will be dismissed from the jury. To have a closed mind is to resist the possibility of persuasion, to be dogmatic, recalcitrant, even bigoted. But what exactly is an open mind?

This course will examine and assess the ideal of the open mind as it has emerged in the Western philosophical tradition. In the first half of the course, we will consider the ideal of detachment and impartiality that emerged during the Enlightenment and remains influential today. In the second half of the course, we will examine various attempts to recast and revive the case for tradition, partial association, and interpretive pre-judgments that emerged in reaction to the Enlightenment, some of which harken back to ancient political thought.

Throughout the course, we will address questions of contemporary relevance, drawn from the realms of law, politics, culture, history, and philosophy. For example: Is an impartial jury the same as a fair jury? Is political rhetoric invariably a form of manipulation and deceit, or is it a way of persuading people by appealing to them from within their own perspectives? Is one's own upbringing and linguistic background a regrettable limitation to the understanding of other cultures, or a resource for mutual understanding? Should we try to understand the past by setting aside our contemporary views and assumptions, or by drawing upon them? In what sense should a liberal arts education aim at cultivating an open mind? This is a junior tutorial.

Course Notes: **This course will be lotteried.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration

Social Studies 98RC

The Politics of Culture in Europe (207902)

Andrew Brandel

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

With the birth of "modern Europe," cultural difference emerged at the center of urgent debates about the organization of society. Even our present political moment seems to be defined by migration "crisis" and globalization. Public discourse appears to be structured by questions about how we might make a place for others in our societies, or whether we should. Does welcoming others require more than the tolerance of their differences? How/should migrants "integrate" into host cultures? Does an increasingly connected and mobile world mean that cultural differences will be replaced by a uniform global culture? By the same token, does integration mean the potential loss of European culture? What does it mean to have a culture in the first place, who belongs to it, and what kinds of boundaries do they have, if they have them at all? Scholars and politicians have proposed a variety of concepts to help us describe this social reality - concepts like *multiculturalism, interculturalism, diversity, globalization, cosmopolitanism* – each of which comes with its own political projects. In this tutorial, we will ask where these concepts come from, how have they changed, and how do they impact people's lives?

We will trace the history of this network of ideas, from the cosmopolitanism of the 18th century urban elites to the Syrian refugee "crisis" that has defined recent political contests on the continent. Cases will include recent migrations of peoples from former colonies to Europe, forced migrations from the margins to the metropole under the Soviet regime, and internal displacements of groups like Ashkenazi Jews and the Roma. In each case, we will pay close attention to the ways in which social scientific knowledges – and in particular, shifting ideas about "culture" - are implicated in these different political positions.

Students will be introduced to empirical research methods in discourse analysis and ethnographic fieldwork, including how anthropologists and sociologists combine interviews and participant-observation with policy analysis. This is a junior tutorial.

Course Notes: **This course will be lotteried.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration

Social Studies 98RF

Neoliberalism and Its Discontents in the Middle East and North Africa (207914)

Jeremy Siegman

2019 Fall (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

This course offers students a theoretical and empirical understanding of neoliberalism - understood, inter alia, as a form of governance that approaches all spheres of life through the lens of the market. The course explores neoliberalism not merely as economic policy but as a set of transformations, roughly since the 1970s, in class relations, everyday life and politics; these transformations speak to broad social-science questions about society, power and politics. The course thus examines neoliberalism from theoretical, political-economic, historical and anthropological perspectives, and students practice associated research methods through assignments. Readings range from key expositions and critiques of neoliberal thought, including F.A. Hayek and Wendy Brown, to empirical studies of neoliberalism in the realms of development initiatives, urban life, war and colonialism, and the recent Arab Uprisings. Empirical materials come largely though not entirely from the Middle East and North Africa. Prior knowledge of the Middle East is not required, and research papers need not focus on the region. This is a junior tutorial.

Course Notes: **This course will be lotteried.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Social Studies 98RG

Aesthetics and Politics (211214)

Ana Isabel Keilson

2020 Spring (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

Since Ancient Greece, individuals have considered aesthetics, defined alternately as the appreciation of art and beauty and the felt (sensible, embodied) experience of the world, as a way to theorize society and politics. This course examines the history of ideas about aesthetics by major modern political thinkers (Kant, Burke, Hegel, Nietzsche, the Frankfurt School, Chantal Mouffe) alongside their cultural contemporaries in the literary, visual, musical and performing arts. This is a junior tutorial.

Course Notes: **This course will be lotteried.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences

All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Social Studies 98SA

Constitutional Theory and the American State (213279)

David Lebow

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

This junior tutorial introduces students to American constitutionalism and explores its relationships with the American state, American democracy, and American history. The syllabus consists of four distinct, but interconnected modules. The first module is an introduction to constitutional theory: it explores theories of judicial review, constitutional interpretation, and constitutional change. The second module situates constitutionalism in the American political tradition, teasing out its intertwining with liberal, republican, and racist threads of thought. The third module provides a theoretically informed survey of representative topics in American constitutional history: economic regulation in the early twentieth century 'Lochner era', the arc from 'Jim Crow' to civil rights, the breakdown of the postwar liberal consensus, and democratic constitutionalism in the women's rights movement. The fourth module takes up major theoretical issues alive in contemporary constitutional debates: the administrative state, inequality, and campaign finance. The tutorial is intended to be accessible and interesting to a wide range of students with interests in any of the following: political theory, constitutional law, American political thought, American history, and contemporary legal controversies. This is a junior tutorial.

Course Notes: **This course will be lotteried.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration

Social Studies 98SC

Caste, Race, and Democracy (213297)

Hari Ramesh

2020 Spring (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

Drawing on the resources of social and intellectual history, political theory, and social science, this tutorial will explore the intimacies and differences between two forms of social differentiation: caste in India and race in the United States. We will focus, in particular, on the relationships between caste, race, and imperial power; the diagnoses of and forms of democratic resistance to caste and race subjugation that were articulated in the 19th and 20th centuries; and the place of contemporary social science in documenting both the persistence of oppression along caste and racial lines and the success of efforts to combat such oppression. This is a junior tutorial.

Course Notes: **This course will be lotteried.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Social Studies 98SE

Race and Ethnicity in the United States (213256)

Christina Ciocca Eller

2019 Fall (4 Credits) **Schedule:** T 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

The United States is more racially and ethnically diverse than at any point in its history. Yet racial and ethnic social categories remain persistent sources of inequality in American society. This tutorial will interrogate the relationships between race, ethnicity, and inequality, examining theoretical and empirical approaches across multiple social domains. It particularly will emphasize how race and ethnicity structure experiences, opportunities, and outcomes in important social contexts such as neighborhoods, educational institutions, and the labor market, among others. This is a junior tutorial.

Course Notes: **This course will be lotteried.**

Class Notes: **This course is taught by Dr. Christina Ciocca Eller.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

Social Studies 98SH

Human Rights in History (213298)

Justin Reynolds

2020 Spring (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

Human rights have become the dominant moral language of our day. When, and how, did they first emerge as an operative system of moral and political belief, and how can their history inform an understanding of contemporary politics and society? Focusing on European, American, and global contexts, this course explores the history of ideas and practices of human rights from the 18th century to the present. This is a junior tutorial.

Course Notes: **This course will be lotteried.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Social Studies 98SM

American Social Movements (213296)

Lisa Gilson

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

The world we live in is the product of social movements of all kinds. Yet the means by which they have succeeded in reshaping the world are poorly understood. Even when movement strategies are clear – which they often are not – they are controversial, with activists, academics, and the broader public debating the efficacy and ethics of various protest tactics. This course aims to make sense of these debates by studying a selection of U.S. social movements from the mid-20th century to the present. We will examine movements across the ideological spectrum, focusing on the conditions which gave rise to them, how they mobilized, the strategies each adopted, and the dilemmas they encountered in the course of political action. The course will move roughly chronologically from the Civil Rights Movement through SDS, second- and third-wave feminisms, the Moral Majority, the Tea Party, Occupy Wall Street, Black Lives Matter and Antifa to the Alt-Right. This is a junior tutorial.

Course Notes: **This course will be lotteried.**

Class Notes: **This course will typically run from 3:15 – 5:15 p.m. and will occasionally run to 5:45 p.m.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Social Studies 98ST

The Many Faces of Tyranny (213280)

Rosemarie Wagner

2019 Fall (4 Credits) **Schedule:** R 0345 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

This course explores the way tyranny has been presented in different times and places, and the many ways tyranny can create unfreedom. From a wild man out of control, to a carefully orchestrated system of control, tyranny wears many faces. This course begins with Plato's tyrant who rises from the rubble of a failed democracy, through Hobbes's tyrant, to modern accounts of the tyranny of the majority, of empire, and of structural oppression. Through this course we will examine what a tyrannical nature is, what makes it rise to power, and what can be done to stop it. This is a junior tutorial.

Course Notes: **This course will be lotteried.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences

Social Studies 98SV

Capitalism, Time, and Value (213266)

Tracey Rosen

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

College students are often counseled to "make the most valuable use of their time." The "budgeting" of hours, days, and weeks of a semester often rests on an evaluation of how much time an activity is worth. In this tutorial we will explore how capitalism might shape the way we perceive, understand, and value time. We start from the premise that economic systems do more than organize the production and distribution of goods; they also help organize how we experience the world as well as the meanings and values that shape our actions within it. In order to ground the dynamics of time and value within capitalism, we begin by drawing from anthropological and historical examples to consider the relationship of time and value in a variety of pre-capitalist contexts. The course then considers the way in which capitalist transformations coordinate new forms of value and perceptions of time. We end with an examination of our everyday, contemporary experience of time against the backdrop of "neoliberal" capitalism and the rise of "futures" markets. This is a junior tutorial.

Course Notes: **This course will be lotteried.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Social Studies 99A

Tutorial - Senior Year (121510)

Anya Bassett

Nicole Newendorp

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Writing of senior honors essay.

Course Notes: **Required for concentrators.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
Full Year Course	Divisible Course
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration

Social Studies 99B

Tutorial - Senior Year (159863)

Anya Bassett

Nicole Newendorp

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Writing of senior honors essay.

Course Notes: **Required for concentrators.**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration

Sociology

Subject: Sociology

Sociology 90I

Research Lab: Immigration (207118)

Leah Muse-Orlinoff

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 8

What does it mean to be a "good" immigrant? Is current media attention on immigration perpetuating an image of "deserving" and "undeserving" immigrants? How is coverage of immigrants' race, gender and sexuality, and human capital evolving in the current political context? And what implications for immigrant integration – the two-way process by which immigrants and their communities of settlement interact and adjust to one another – might be emerging from the media's depiction of immigrants and immigration policy?

In this research lab students will learn data collection and analysis skills that will help them answer these and related questions. Course content will include a robust research design and methodology component through its focus on media coverage of immigration and integration in mainstream and ethnic media. Course participants will develop qualitative research projects that analyze key sociological themes including race and ethnicity, gender and sexuality, and human capital. Students will learn how to formulate sociological research questions and hypotheses, collect and analyze data, and articulate findings in a formal academic proposal. This course is limited to sociology concentrators; bilingual students are encouraged to enroll.

Course Notes: **Limited to Sociology concentrators. Preference given to those who have taken Sociology 128.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

Sociology 90Z

Research Lab: Inequality (214610)

Xiang Zhou

2020 Spring (4 Credits) **Schedule:** M 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 8

This course introduces students to both classical and frontier research on social and economic inequalities. By analyzing data from the Current Population Survey (CPS) and National Longitudinal Surveys of Youth (NLSY), we investigate educational inequality, labor market inequality, and intergenerational mobility in the United States. In the context of these topics, students will build skills in data analysis and data visualization in R and learn a variety of quantitative methods including regression, path analysis, causal inference, and machine learning.

Class Notes: **A basic course in statistics such as Sociology 156, Stat 100/102/104, or an equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

Sociology 91R

Supervised Reading and Research (113928)

Hilary Holbrow

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in sociology under the supervision of teaching staff in the department. A graded supervised course of reading and research on a topic not covered by regular courses of instruction.

Course Notes: **Students negotiate topics on their own. A final paper must be filed in the Sociology undergraduate office.**

Hilary Holbrow and members of the department.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Sociology 91R

Supervised Reading and Research (113928)

Hilary Holbrow

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual work in sociology under the supervision of teaching staff in the department. A graded supervised course of reading and research on a topic not covered by regular courses of instruction.

Course Notes: **Students negotiate topics on their own. A final paper must be filed in the Sociology undergraduate office.**

Hilary Holbrow and members of the department.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Sociology 91RR

Supervised Reading and Research (214501)

Hilary Holbrow

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Individual work in sociology under the supervision of teaching staff in the department. A graded supervised course of reading and research on a topic not covered by regular courses of instruction.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

Sociology 92R

Faculty Research Assistant (160534)

Hilary Holbrow

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Students gain research skills along with an understanding of the production of sociological knowledge through work on faculty research projects. Work is arranged and directed by faculty members, who supervise and meet with students regularly (every 1-2 weeks). The specifics of the intellectual goals for the student and the research tasks involved will vary. The student and faculty member will consult on this in advance and will outline the following on the 92r Registration Form: 1) the specific skills to be learned, 2) how the course will engage students with the discipline, and 3) the specific work product. What students produce will depend on the kind of research involved. It is expected that students will work 8 to 10 hours per week on the course. Students may engage with data collection, data analysis, literature reviews, or other aspects of a faculty project.

Course Notes: **Members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

Sociology 92R

Faculty Research Assistant (160534)

Hilary Holbrow

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Students gain research skills along with an understanding of the production of sociological knowledge through work on faculty research projects. Work is arranged and directed by faculty members, who supervise and meet with students regularly (every 1-2 weeks). The specifics of the intellectual goals for the student and the research tasks involved will vary. The student and faculty member will consult on this in advance and will outline the following on the 92r Registration Form: 1) the specific skills to be learned, 2) how the course will engage students with the discipline, and 3) the specific work product. What students produce will depend on the kind of research involved. It is expected that students will work 8 to 10 hours per week on the course. Students may engage with data collection, data analysis, literature reviews, or other aspects of a faculty project.

Course Notes: **Members of the department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Sociology 97

Tutorial in Sociological Theory (115130)

Jocelyn Viterna

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

This course introduces students to the complicated, conflictual, and often contradictory theoretical origins of sociology as a discipline. We begin by reading the standard sociological "canon"—Marx, Weber, and Durkheim—and interrogating why their ideas were canonized over others. We then read scholars who have been historically "written out" of the social sciences to evaluate their important, yet historically underappreciated, contributions. By the end of the course, students should (1) master key concepts in classical sociological thought, (2) understand what it means to theorize, and what makes for good theory, and (3) learn to critically interrogate the relationship between power, standpoint, and the production of knowledge.

Course Notes: **Required of concentrators, ordinarily sophomores, and secondary concentrators.**

Class Notes: **First mandatory meeting Jan 27, 4:30-5:30**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Sociology 97

Tutorial in Sociological Theory (115130)

Jocelyn Viterna

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

This course introduces students to the complicated, conflictual, and often contradictory theoretical origins of sociology as a discipline. We begin by reading the standard sociological "canon"—Marx, Weber, and Durkheim—and interrogating why their ideas were canonized over others. We then read scholars who have been historically "written out" of the social sciences to evaluate their important, yet historically underappreciated, contributions. By the end of the course, students should (1) master key concepts in classical sociological thought, (2) understand what it means to theorize, and what makes for good theory, and (3) learn to critically interrogate the relationship between power, standpoint, and the production of knowledge.

Course Notes: **Required of concentrators, ordinarily sophomores, and secondary concentrators.**

Class Notes: **Mandatory first meeting Tuesday, Sept 3rd 4:30pm (first day of classes). WJH B1 (Basement).**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Sociology 98BF

Junior Tutorial: Race and Bureaucracy (212661)

Yael Berda

2020 Spring (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 10

We usually think of issues of race, racism and racialization as separate from organizations: corporate firms, departments of the federal government, and even schools. Yet organizations are major sites where racial categories and classifications have an impact on the lives of people and communities. Race and bureaucracy have a long history that begins with imperial and colonial practices and continues to shape the way organizations recruit employees, create different legal practices to different kinds of populations, distribute visas or prevent entry based on race and ethnicity and even decide who gets loans and credit cards.

Using Hanna Arendt's work on race and bureaucracy in the shaping of totalitarian regimes as a starting point, we will explore how racial categories and classifications are constructed, maintained, manipulated and resisted within formal organizations and particularly state bureaucracies.

Following the review of the relevant literature in the first four weeks, students will design and complete their own research projects. To aid in this process, we will have workshops throughout the course on the various steps of the research process, from formulating the question to collecting and analyzing data. We will provide brief overviews of both qualitative methods (interviews and ethnographic observations) and historical approaches (analysis of archival data).

Course Notes: **Required of and limited to Sociology concentrators. Junior Tutorials are by lottery only.**

Recommended Prep: **Prerequisite: Sociology 97 AND Sociology Concentrators**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

Sociology 98DA

Jr Tut: Collective Identity (205091)

Shai Dromi

2019 Fall (4 Credits) **Schedule:** T 0600 PM - 0800 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

Blue collar and middle class, Blacks and Latinx, Christians and Muslims, Americans and French, Harvardians and Yalies –groups have, by their very definition, some criteria to discern those who belong from those who do not, whether they are as large as whole nations, or as small as a group of friends. But what does it mean for a group to have a collective identity? This course will examine what collective identity is and how we can study it sociologically. It will ask questions such as Does a collective identity rely on group members sharing the same past experiences, or does it rely on them facing similar present circumstances? To what extent do group members have to agree on what their collective identity is, and how are disagreement and conflicts managed? How do group members engage in identity politics, and how do they compare their groups to others?

The course will begin with a review of sociological literature that addresses some of the key debates on this topic. Moving forward, students will design and complete their own research projects. Each student will choose a group in the Boston area or on campus, formulate a research question, and conduct participant observations and / or interviews. The course will cover the various steps of the research process, from formulating a research question through collecting and analyzing data and reviewing existing literature, to constructing the final paper.

Course Notes: **Required of and limited to Sociology concentrators. Junior tutorials are by lottery only.**

Recommended Prep: **Prerequisite: Sociology 97 AND Sociology Concentrators**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Sociology 98M

Junior Tutorial: Social Class (126248)

Rachel Meyer

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

Class, one of the most basic analytical concepts in sociology, structures our social world in fundamental ways. Nevertheless, the extent to which social class is salient to people, and the specific content of class-based identities and class cultures, varies widely. This course is rooted in a comparison of the working class versus professionals and the upper middle class. The focus is on the United States while maintaining a comparative perspective on other national, historical, and cultural contexts. Reviewing a variety of contemporary studies and theoretical perspectives, we will pursue the following questions, among others: How do class-based identities relate to class structure? How are boundaries drawn between classes and among people of the same social class? What might undermine—or bolster—class consciousness in different contexts? And how is social class reproduced? In the U.S. case, how does class intersect with other aspects of American culture? Are class-based identities racialized? Throughout the course we will be attentive to the variety of research agendas on the topic and the various kinds of data that are brought to bear on these questions. After reviewing the relevant literature students will then design and execute their own original research projects that seek to elucidate some aspect of class identity or class culture. Students will have the opportunity to engage in each step of the research process, from question formulation and data collection to analysis and write-up. Along the way we will have workshops on the process of conducting primary research and on each student's project. The methodological focus will be on interviewing, with an attention to how ethnographic data and surveys might also shed light on the subject.

Course Notes: **Required of and limited to Sociology concentrators. Junior Tutorials are by lottery only.**

Requirements: **Prerequisite: Sociology 97 AND Sociology Concentrators.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Sociology 98ME

Junior Tutorial: Sports and Violence (212667)

Danilo Mandic

2019 Fall (4 Credits) **Schedule:** M 0900 AM - 1100 AM

Instructor Permissions: Instructor **Enrollment Cap:** 10

How are sports and violence related? What role does sports play in especially-violent communities and societies? How come athletes are so often connected to violent behavior? Why are some sports more violent than others? Students will explore familiar and strange sports connections to activism, poverty, gangs, hooliganism, rioting, nationalism, war, international politics, and organized crime. We will learn why sport elicits such emotional fervor, and how that fervor is transmitted into good and bad social channels. A variety of case studies across the globe and history - from Brazilian soccer, to Cold War chess, to cricket under the British Empire - will be analyzed. This tutorial, aimed at junior concentrators, requires students to produce an original research project on a sport of their choosing (not necessarily one covered in the syllabus), addressing a particular case of sports-related violence. In addition to learning about the topic, students are expected to master skills in sociological methods and writing. Two concluding weeks will be devoted to presentations and workshopping, as students develop an independent research project with original data collection.

Course Notes: **Required of and limited to Sociology concentrators. Junior Tutorials are by lottery only.**

Recommended Prep: **Prerequisites: Sociology 97 AND Sociology Concentrators**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Sociology 98SE

Junior Tutorial: Ethnography of Social Movements (212755)

Vivian Shaw

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

From the Universal Declaration of Human Rights, to the Civil Rights Movement, to Twitter, the world has recently witnessed a wide range of social, political, and cultural transformations. How do social movements factor into these changes? What can we do as sociologists to understand and document the work of activists and social movements? This tutorial explores the craft of ethnography through the theme of social movements. We will examine key ethnographies of social movements, using these as models for understanding and conducting ethnographic fieldwork and analysis. Drawing on each student's research interests, participants in this course will complete an independent research project on some aspect of social movements, employing ethnographic methods. Through in-class workshops, we will formulate research questions and practical research design. The goal of this course is to provide you with the opportunity to conduct original research and to better understand the insights and challenges of ethnographic fieldwork.

Course Notes: **Required of and limited to Sociology concentrators. Junior Tutorials are by lottery only.**

Recommended Prep: **Prerequisite: Sociology 97 AND Sociology Concentrators**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

Sociology 98TA

Junior Tutorial: Elite Education and Inequality (160224)

Tiffanie Ting

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

Privilege is an understudied but important topic in educational and social science research. Recent

scholarship increasingly attends to the role that elite educational institutions play in producing and maintaining social and economic inequalities. In this course, we will investigate the connections between class, privilege, and educational advantage. By employing the lens of cultural sociology, we will explore various contexts for elite education, the cultural practices around which they are organized, and the ways in which individuals negotiate a sense of legitimacy and identity within these spaces.

Course Notes: **Required of and limited to Sociology concentrators. Junior tutorials are by lottery only.**

Recommended Prep: **Prerequisite: Sociology 97 AND Sociology Concentrators**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Sociology 98WE

Junior Tutorial: Poverty (213641)

Hilary Holbrow

2020 Spring (4 Credits) **Schedule:** W 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 10

Nearly one in three residents of the United States lives close to the poverty line, and a growing number of us live in deep poverty, subsisting on less than $2 per day. This course examines the social world of poverty in the United States today. It pays particular attention to the lived experiences of low-income people. It also examines the parallel set of institutions low-income people must navigate—institutions that often perpetuate poverty: low-wage jobs, systems of policing and surveillance, substandard schools and colleges, exploitative housing, and predatory financial services. During the semester, students will conduct an extended research project about some aspect of poverty in the United States. The project will be a chance to hone important research skills, including conducting interviews and taking ethnographic fieldnotes, analyzing and presenting qualitative data, figuring out the "so what?" behind empirical findings, and thoughtfully giving and receiving peer feedback.

Course Notes: **Required of and limited to Sociology concentrators. Junior tutorials are by lottery only.**

Recommended Prep: **Sociology 97 and Sociology Concentrators**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

Sociology 99A

Senior Tutorial (117946)

Hilary Holbrow

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervision of theses or other honors projects. Part one of a two part series (A, B).

Course Notes: **Taught by members of the department.**

Limited to concentrators, ordinarily seniors. Students of Sociology 99 are expected to participate in regularly scheduled seminars on a range of topics regarding the senior thesis and conducting research more generally.

Requirements: **Prerequisite: Sociology 98 AND Sociology Concentrators.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Sociology 99A

Senior Tutorial (117946)

Hilary Holbrow

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervision of theses or other honors projects. Part one of a two part series (A, B).

Course Notes: **Taught by members of the department.**

Limited to concentrators, ordinarily seniors. Students of Sociology 99 are expected to participate in regularly scheduled seminars on a range of topics regarding the senior thesis and conducting research more generally.

Requirements: **Prerequisite: Sociology 98 AND Sociology Concentrators.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Sociology 99B

Senior Tutorial (159854)

Hilary Holbrow

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervision of theses or other honors projects. Part two (B) of a two part series.

Course Notes: **Taught by members of the department.**
Limited to concentrators, ordinarily seniors. In addition, students of Sociology 99 may also participate in regularly scheduled weekly group seminar for consultation and discussion about choice of problems, possible data, and research procedures.

Requirements: **Prerequisite: Sociology 98 AND Sociology Concentrators.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
Full Year Course	Divisible Course
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

Sociology 99B

Senior Tutorial (159854)

Hilary Holbrow

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervision of theses or other honors projects. Part two (B) of a two part series.

Course Notes: **Taught by members of the department.**
Limited to concentrators, ordinarily seniors. In addition, students of Sociology 99 may also participate in regularly scheduled weekly group seminar for consultation and discussion about choice of problems, possible data, and research procedures.

Requirements: **Prerequisite: Sociology 98 AND Sociology Concentrators.**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Sociology 128

Models of Social Science Research (117560)

Mary Waters

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course introduces students to core methodological concepts and methods used in social science research including: question formulation, hypothesis generation, the logic of hypothesis testing, sampling and measurement, experiments, survey analysis, content analysis, network analysis, ethnography, and in-depth interviewing. Students will develop the analytic skills necessary to assess whether published research studies are flawed or well designed and implemented. In addition to critically evaluating previous research, students will collect and analyze their own data based on the different methods discussed in the class. By the end of the course, students will acquire valuable research skills widely applicable in academic and professional settings..

Course Notes: **Required of concentrators, ordinarily sophomores, and secondary concentrators.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students

Sociology 1023

Political Sociology (159779)

Bart Bonikowski

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Politics is a struggle for power—power over access to and the distribution of resources, over personal and collective status, and over the ability to define legitimate categories of thought. While politics can be found in all domains of social life, the ultimate site of political contestation is the state, which holds the legitimate monopoly on physical and symbolic violence. Hence, much political sociology is concerned with the relationship between the state and society: how the modern state came to exist, how it came to be viewed as legitimate, what factors shaped processes of democratization, how cleavages based on class, race, and gender affect democratic representation, how liberal democracies structure their welfare state policies, how states create and manage markets, and how social movements strive to effect political change by making claims on state actors. This course will offer an overview of these varied substantive topics, while exposing students to the analytical power of a sociological approach to politics.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

Sociology 1024

Social Inequality (117584)

Jonathan Mijs

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 35

This course is an introduction into the sociological study of Social Inequality. Students will learn about sociological theories and read empirical research describing how social inequality is produced and reproduced in various institutions (e.g. the family, neighborhood and labor market) and through different mechanisms (e.g. socialization, segregation, discrimination). We will explore what it would take to address these different sources of social inequality in America, and learn from comparisons with other countries and historical moments.

Course Notes: **May be counted for introductory concentration requirement, if letter-graded.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

Sociology 1025

Introduction to the Sociology of Organizations (113256)

Peter Marsden

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course examines the evolution of the modern organization, focusing on changing approaches to corporate strategy and to managing employees. We read both social scientific analyses and Harvard Business School cases to trace the history of management, from the harsh principles of the "drive system" to the latest theories of how "work teams" improve productivity and how focusing on a firm's "core competence" improves the bottom line. The course covers research examining the efficiency and the equity of current corporate practice

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Sociology 1026

Global Social Change (109657)

Rachel Meyer

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course explores the development of global capitalism with a focus on changing relationships between markets, states, and civil societies. Questions of power and inequality will be central to our approach. We will begin from a macro political economy perspective, exploring global social change through the lens of

world-system theory, neoliberalism, deindustrialization, and "flexible accumulation." We will then examine globalization "on the ground" in a variety of local contexts and, finally, turn to resistance and social movements. We will explore transnational activism, student movements, precarious workers' mobilizations, populism, and the role of social media. Throughout the course we will ask: How are social relations shaped in the global north and south in the context of global capitalist development? How can we understand the relationship between global capitalism and democracy? And how can we conceptualize the different forms of resistance to globalization and their significance? We will explore the possibilities for and limitations of global social change through a variety of cases of transnational and community-based activism.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration

Sociology 1046

Life and Death by Design (212727)

Jason Beckfield

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

In this course, we will study health differences between social groups. We will begin by examining the extent to which health is unevenly distributed across groups defined by nationality, neighborhood, race, gender, and class. We will then seek to pinpoint the reasons for these disparities with a detailed analysis of the pathways through which these factors are linked to health status. Finally, we will discuss new research on the sociology of population health that shows how health disparities depend on meso- and macro-scale causes like neighborhoods, social policy arrangements, global organizations, and climate change.

Course Notes: **May be used as an introductory course or elective.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Sociology 1058

Sex, Gender, Sexuality (110507)

Jocelyn Viterna

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Male/Female, Man/Woman, Masculine/Feminine, Straight/Gay. Where do these consequential categories come from? How do they generate inequalities? Why are they so easily reproduced? And what, if anything,

should we do about it? Combining real-world applications with academic analyses, this course encourages you to think about how sexuality and gender have shaped the social world, as well as our own place within it.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Sociology 1103

Environment and Inequality (212756)

Vivian Shaw

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

How does your zip code affect your health? What are the social and political consequences to building a dam? How do natural disasters exacerbate racial inequalities? This seminar explores environmental issues through the lens of inequality, focusing particularly on race, indigeneity, gender, and (dis)ability. We will borrow from case studies across the globe: from toxic disasters in Bhopal, India, to the Grenfell Tower fire in London, UK, to Standing Rock, in the United States. While learning about the transnational and comparative-historical scope of environmental issues, students will apply key theoretical tools to situate course topics within broader themes, including cultural memory, popular culture, violence, and governmentality. Students will also develop an expertise in a course-related topic of their choice.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Sociology 1106

Humanitarian Activism and Civil Society (203440)

Shai Dromi

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

International humanitarian organizations are often first on the scene when armed conflicts erupt or natural disasters strike, but their efficiency and legitimacy are constantly questioned. This course examines humanitarian activism from a sociological perspective by looking at its history and its role in contemporary society. We will examine the origins of organized humanitarian activism and the dilemmas and challenges that NGOs must often face. We will investigate the consequences, justifications, and limitations of humanitarian work, focusing substantively on several case studies including the Kosovo War, the Nigerian Civil War, and the 2004 Indian Ocean Tsunami. The course will conclude with presentations based on students' independent research and exploration of an applied topic from the course.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Sociology 1112

Men, Women, and Work (141657)

Mary Brinton

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Why do men and women tend to cluster into different occupations? Why do they earn different wages? Is there a certain path that all countries follow as they become more economically prosperous, or do issues concerning men's and women's work differ dramatically across countries because of cultural reasons? This course provides an overview of key issues and perspectives in the study of men, women, and work in contemporary society.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences

Sociology 1113

Latinx Identity and Mobilization (211161)

Cristina Lacomba

2019 Fall (4 Credits) **Schedule:** R 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This course examines Latinx identity and mobilization from a sociological perspective. It begins by investigating the complexity of the Latinx identity in the United States. Does Latinx refer to a culture that encompasses many cultures, a common geographical origin, a shared linguistic identification, some or all the former? How does the use of pan-ethnic identities, of which Latinx is a representation, shape power, representation, and inequalities within and between social groups? The course will first focus on sociological theory of ethnic identity construction. Students are then asked to apply their newfound understanding of the Latinx identity to an analysis of Latinxs' mobilization and social movement activism. What socio-political issues undergird Latinxs' mobilization in modern times? How well does social movement theory explain Latinx mobilization? The course discusses the formation of Latinx identities and mobilizations of Caribbean, Northern, Central, and South American people/s in the United States.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

FAS Divisional Distribution	Social Sciences

Sociology 1114

Racial Inequality and Public Policy (211146)

Anne-Marie Livingstone

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

The course examines the complex interplay between racial inequality and public policies in the United States and other Western countries. The course will blend together insights from the general literature on policy-making with the specific study of racial politics and policy. Students will learn how to view racial inequality as a political process that shapes public policy through its impact on everything from cultural beliefs, to political parties, public opinion, political representation, social movements, and interest groups. With these concepts in their grasp, students will then examine how these dynamics play out in different areas of public policy, including welfare, criminal justice, housing, health, affirmative action, immigration, and detention. Students should walk away from the course with an understanding of how to connect racial inequality and politics with the content and outcomes of public policy.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Sociology 1119

Leadership, Social Change, and its Challenges: Boston as a Case Study (212901)

Christopher Winship

Ira Jackson

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 36

Over the last half century Boston has faced a multitude of issues and crises. Reoccurring themes have been the problems of inequality, race and ethnicity, class, and social justice. Their resolution as successes or failures has depended on the actions taken by leaders – individuals or groups. The role of leadership will be analyzed in part through major milestone events -- such as race in the Boston Red Sox and Celtics, the school busing crisis, the sexual abuse scandal in the Catholic Church, the cleanup of Boston Harbor once the filthiest in the US, the "Boston Miracle" in community policing, the "Grand Bargain" around the state's minimum wage, current criminal justice reform efforts, the Encore Casino, and the development of the Seaport and Alston. Key protagonists from each case will visit the class. For their final project students will be required to create a case of their own. This may involve interviewing or shadowing a leader for a day.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

Sociology 1120

Human Rights in Israel and the United States (207866)

Tally Amir

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

"Human rights" has become a ubiquitous concept around the world. It is used to justify, legitimize, and critique policies, practices, and laws. Despite the evolution of "human rights" over the last half-century in both international and domestic law, the content and impact of the concept remains unclear. This seminar will address key issues in contemporary human rights theory and practice through a comparison of Israel and the United States. Seminar participants will first study the philosophical and political processes that led to codification of human rights in both countries. We will then take a closer look at some of the main human rights controversies, including desegregation of education, freedom of religion, housing equality, extra-territorial application of human rights, and employment rights. Readings for the course include Court decisions, International Law instruments, Domestic legislation and socio-legal articles, as well as sociological analyses.

Class Notes: **Course will typically end by 2pm but may run until 2:45.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Sociology 1121

Understanding Meritocracy (212827)

Jonathan Mijs

2020 Spring (4 Credits) **Schedule:** R 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Some hold inequalities to be the result of a fair "meritocratic" race that is decided by hard work and effort alone. Others believe the race is fixed: some of us, because of their gender, color of skin, or their parents' resources have a much better shot at winning than do others. This course challenges students to critically evaluate the concept of meritocracy, its origins and contemporary adoption as an ideal worth striving for. Taking a sociological perspective, we ask what a true meritocracy would look like, what its societal implications would be, and what social processes may stand in its way. We then review the empirical record describing people's various perceptions and explanations of social inequality, and we explore the factors underlying their beliefs. Specifically, what are the psychological underpinnings of people's beliefs about inequality and what role does culture play? Are people's beliefs most impacted by news reporting, by facts or by experience? We conclude by exploring how beliefs about inequality are mobilized in class and racial conflict, and explore in what ways people's beliefs are or aren't likely to change.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

FAS Course Roll	FAS Course Roll

Sociology 1122

Social Class in the Black Community (205208)

Jacqueline Rivers

2019 Fall (4 Credits) **Schedule:** M 1245 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course focuses on the rise of class divisions among Black Americans. The effects of structural constraints on blacks' social and geographic mobility and how that resulted in a sense of "shared fate" will be the focus of the first portion of the course. The divergence of black people's material conditions as a result of the successes of the Civil Rights Movement, and the impact of factors such as black flight, deindustrialization and spatial mismatch of employment will be discussed. Other topics include changes in blacks' patterns of support for public policy options, divergences in their experience of mass incarceration, education and employment opportunities, and continuing similarities in academic underachievement. The conclusion of the course examines the roots of intergenerational poverty and considers the possibility that the gap between the two groups will continue to widen.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Sociology 1123

Social Movements (212768)

Cristina Lacomba

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 35

Social movements are powerful engines of social change. Remarkable ordinary people lead them, and outstanding people join their mobilization. But what is a social movement? What do social movements' protesters rebel against and why? What strategies do they use? Do social movements' activists achieve the changes they pursue?

Protesters and authorities have long tried to answer these questions in their quest to attain, or even silence, social change. Scholars have approached these questions through social scientific interrogation. In this course, students will read some of the finest sociological scholarship on these debates to examine a variety of movements that range from the U.S. Civil Rights of the 1960s to the latest movements of the 21st century.

Whether one's purpose is to understand the world or change it, the course will illuminate the real-life implications of social movements for activists, authorities, and bystanders. Through the course, we will come to understand the general processes that underpin collective mobilization, reflect on how collective mobilization drives these efforts, and formulate new ideas for how best to achieve social change.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Sociology 1124

Immigration and Gender (213351)

Talia Shiff

2019 Fall (4 Credits) **Schedule:** T 0900 AM - 1100 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

The study of immigration and the study of gender often do not intersect. This is despite the fact that scholars in both fields of study focus on questions concerning cultural membership and equal citizenship and the processes that produce social inequality. The goal of this course is to reinvigorate the linkages between gender and immigration. We will interrogate how gender, as it intersects with race, shapes practices and policies of im/migration and migrants' lived experiences: what is the gendered character of migration patterns, and policies? How does migration occur on a voluntary and involuntary basis in ways that disproportionately disadvantage marginalized groups along lines of gender and race? And conversely, in what ways do the practices and consequences of immigration and transnationalism shape and constitute gender relations? The course will combine discussions of current issues on public media and news articles with academic analyses to encourage students to think about the complex interrelations between immigration, sexuality, gender and race, and the ways these shape our social world.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Sociology 1126

Sociology in the Age of Big Data (207631)

Joscha Legewie

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course introduces students to how "big data" transforms our understanding of the social world. Focusing on topics like racial bias, partner & friendship choice, public opinion and polarization, and urban inequality, we explore how the digital age changes sociological research. We discuss transformative contributions to classical sociological questions based on the "new" science of networks, web-based social research, administrative data, and the traces of our digital lives. We explore important advances, the challenges facing the social sciences and consider ethical and privacy concerns raised by "big" data and analytics.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

Sociology 1130

Student Leadership and Service in Higher Education (205039)

Manja Klemencic

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This Undergraduate Engaged Scholarship Course specifically targets students in service and leadership roles at Harvard (e.g. student leaders in student organizations, students serving on University committees or as interns in University offices or programs, PAFs, HOCOs, UC members, Crimson, etc.). To these students it offers an opportunity to engage with scholarship from sociology of higher education to better understand and explore student agency in college contexts. Through hands-on student leadership development workshops built into the course, students will also develop skills that will help them in their roles. Students' grasp of concepts, such as university citizenship, mattering, belonging, community-building, and self-formation, is reinforced through their experiential learning in existing service and leadership roles on campus. Based on their campus role, students work on participatory action research and develop blueprint to change practice or policy. Invited guest speakers bring insights from practice and conduct student leadership development workshops. A field visit to institutions in Boston area helps students understand student agency in different university contexts, share experiences and explore collaboration. This course challenges the traditional line of inquiry in sociology of higher education which focuses primarily on the effects of college on students. Instead, student action research projects demonstrate student agency and the impact students have on higher education communities.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Sociology 1131

Philanthropy and Nonprofit Organizations (203368)

Shai Dromi

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** 50

Most moral and religious frameworks uphold some form of benevolence and charity. However, societies have different ways of thinking about the roles of philanthropy and nonprofit organizations. This course investigates the nature of philanthropy and nonprofit organizations, as well as their influence on civil society. We will consider different sociological approaches to charitable giving and apply them to substantive topics, such as competing philosophies of giving and the relationship between philanthropic and state-sponsored programs. We will also address issues of social responsibility that arise when

billionaire and corporate actors engage in philanthropic work.

As a culminating active learning exercise, students will work in groups to identify and evaluate nonprofits as potential donation recipients, and will assess the impact a donation would make for those organizations. Student groups will have a unique opportunity to decide how to disburse a grant provided by the Philanthropy Lab to nonprofits, and to experience first-hand the dilemmas donors face as they evaluate nonprofits for donation.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Sociology 1132

Global and Transnational Sociology (213352)

Talia Shiff

2020 Spring (4 Credits) **Schedule:** R 0900 AM - 1100 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course explores the production of social inequality from a global and transnational lens. The course is based on the premise that we have to think about core issues concerning unequal access to rights, resources and cultural membership globally while at the same time not denying the importance and centrality of the unit of the nation state. In this course, students will not only compare differences across countries but will also develop tools by which to critically think about what it means to see the world as a unit that is populated by markets, movements and networks that transcend national boundaries. We will ask how the national and transnational are interrelated and mutually constitutive of each other. Students will have the opportunity to explore questions concerning borders and boundaries, forced migration, and changes in the relations between civil societies, states and markets. Through considering these topics of global social change, students will critically investigate the limits and potential of establishing a global sociology for understanding social relations at local, national, and international scales.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Sociology 1133

War, Revolution, and Organized Crime (159926)

Danilo Mandic

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course explores war, revolution and organized crime as interrelated social phenomena. Students will read sociologists, historians, political scientists and philosophers addressing the nature, causes and

consequences of these phenomena in different national and historical contexts. The course will combine influential theoretical frameworks (by Karl Marx, Max Weber, Sigmund Freud, Hannah Arendt), middle-range social scientific approaches (by Anthony Giddens, Charles Tilly, Michael Mann, Theda Skocpol), and empirical and historical analyses (by Eric Hobsbawm, Benedict Anderson, James C. Scott, Eugen Weber). The three phenomena will further be scrutinized through their (mis)representation in movies by Mike Nichols, Milos Forman, Bernardo Bertolucci and others.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students

Sociology 1135

Education and Culture (156083)

Tiffanie Ting

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

In this course, we will use culture as an analytic lens for investigating the institution and experience of school. We will examine 1) relationships and borders between schooling and broader educational contexts including families and communities; 2) schools as dynamic social and cultural systems, and 3) classrooms as sites of conflict, collaboration, and innovation in teaching and learning. Throughout, we will consider how individuals in a variety of roles – teachers, students, administrators, parents, researchers – interpret, negotiate, and respond to the practices and arrangements of schooling. We will examine the complex role of cultural factors in producing, maintaining, and potentially reducing inequalities in educational access, opportunity, and outcomes.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

Sociology 1138 Section: SEM

The Israeli/Palestinian Conflict: Contemporary Socio-Legal Aspects (212817)

Tally Amir

2020 Spring (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

The decades-long Israeli-Palestinian conflict has attracted significant international attention and is perceived as an international threat. This seminar offers a nuanced and safe discussion of the conflict's socio-legal context and its implications for Palestinian and Israeli society, through exploring the works of scholars from diverse backgrounds and views. We will take a closer look at some of the main controversies, and how these impact the lived experiences of people in both societies, including Israel's

control over and settlements in the West Bank; the separation wall and policy; concepts of citizenship, migration and refugeehood; Palestinian and Israeli statehood; and more. Readings for the course include court decisions, international law instruments, and domestic legislation, as well as sociological analyses.

Class Notes: **Course will typically end by 2pm but may run until 2:45.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Sociology 1139

Religion, Politics, and Society (212762)

Shai Dromi

2020 Spring (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 35

While many countries profess a separation between state and religion, faith and religiosity remain central to political life, both in the United States and in the global scene. In recent years more than ever, religious figures have been deeply involved in electoral processes, in welfare and charity, in social justice movements, in war-making, and in peace-building. Given the changing dynamics between faith and politics, it is doubly important for us to understand the multiple ways religion and politics interact. This course will examine the intersections between religion and politics by exploring questions like why do some religious groups engage in political activism, while others shy away from it? why do some countries try to regulate religious expression in their public spaces, when others celebrate it? why do certain religious groups resort to violence to achieve their aims, and how do some religious groups strive for social justice and peace?The course will begin with a broad overview of the sociology of religion by linking classic sociologists like W. E. Du Bois, Emile Durkheim, and Max Weber to contemporary issues of faith and politics. It will continue by examining key meeting sites between politics and religion, such as social movements, welfare systems, terrorist organizations, and peacemaking initiatives. Case studies will include the French headscarf controversy, the U.S. Evangelical involvement in the 2016 elections, the Muslim Brotherhood welfare system in Egypt, and the religious-nationalist Hindutva movement in India. As a final project, students will write a term paper on a study case of their choice.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences

Sociology 1141

Contemporary Chinese Society (116219)

Ya-Wen Lei

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Situating China in the context of the transition from socialism, this seminar provides an overview of contemporary Chinese society. We will explore recent structural changes in China's economy, political system, legal institutions, media, family forms, education, stratification and inequality, and contests over space—as well as how all these various changes interact with one another. We will begin with the Chinese Communist Revolution and then the Cultural Revolution as crucial historical context, and then move on to examine the profound social transformations of the post-1978 reform period. The course will examine how these changes have impacted social relations, how they have been experienced and understood by individuals, and how, in turn, the responses of individuals have also shaped the trajectory of reforms.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

Sociology 1142

Sociology of Asian America (212728)

Vivian Shaw

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 35

Today, over 22 million people living in the United States identify as Asian. Asian Americans and Pacific Islanders (AAPI) are one of the fastest growing populations in the US. What are the social, cultural, and political structures that shape the lives of AAPI? How have the experiences of AAPI changed from the nineteenth century to the present? This course takes a sociological view to examine "Asian America." Rather than analyzing AAPI as a monolithic group, this course explores the diversity of experiences and histories within Asian America. Through readings on a range of case studies, we will examine Asian America through important historical and social phenomena such as colonialism, environmental racism, war, migration, and social movements. We will look at the ways that AAPI have been socially and politically constructed as a racial group and the ways that such categorizations continue to shift. Finally, we will consider contemporary debates about AAPI that are particularly alive here at Harvard, such as affirmative action, socioeconomic mobility, and social justice.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Sociology 1144

Economic Sociology (204172)

Leah Muse-Orlinoff

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 35

The field of economic sociology brings our attention to ways that economic priorities and processes reflect social dynamics. From ceremonial exchanges of goods in the South Pacific, to the development of modern capitalism, and from interlocking relationships between large corporations to wages, remittances, and social networks, economic sociology considers the social contexts that influence how individuals, communities, and societies organize their resources and how these processes in turn impact our lives. This course offers an overview of economic sociology's major theories and findings across several major themes. The first part of the course focuses on the theoretical underpinnings of economic sociology, and what characterizes a sociological view of the economy. In the second part of the course, we explore some of the social and cultural forces that have shaped key economic institutions such as corporations, insurance, wages and benefits, and marketplaces. The third part of the course considers the impact that these economic institutions have on the quality of life for individuals, communities, and societies. We conclude by asking how the field of economic sociology approaches issues of inequality and social mobility in the United States and globally.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam

Sociology 1148

Race and Ethnicity in Global and Comparative Perspective (207630)

Ellis Monk

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course provides an introduction to the comparative study of "race and ethnicity" around the world. We focus here not on particular "ethnic" or "racial" groups, but rather, on particular cases which illustrate how "race" is used as a way in which to divide, sort, and rank human beings (i.e. a principle of social vision and division). In particular, we compare and contrast how different societies have constructed ethnoracial boundaries by focusing on several key forms of ethnoracial domination: categorization, discrimination, segregation, ghettoization, and exclusionary violence. Readings include sociological, historical, and anthropological studies of ethnoracial dynamics primarily in the U.S. and Brazil, but also South Africa, Asia, Western Europe, and Latin America.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

Sociology 1152

Conflict, Justice, and Healing (212659)

Matthew Lee

2019 Fall (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 35

Serious crime and other forms of conflict are experienced as a traumatic violation. This is to be avoided at all costs. And yet… some survivors experience surprising levels of resilience, a renewed sense of meaning and purpose, empowerment, and post-traumatic growth. Some offenders turn towards a deeper sense of truth and existential responsibility. Some communities transcend institutionalized patterns of dehumanization and violence to embrace the challenging path of forgiveness, reconciliation, healing, and inclusive flourishing. When and how do individuals and communities heal after conflict? We engage with these issues through a series of diverse case studies, including contemporary examples drawn from the international Black Lives Matter movement, prisoner reintegration efforts in the U.S., victim/offender dialog in the Middle East, and embodied emancipation in post-apartheid South Africa, as well as classic cases such as the Cuban Missile Crisis. A critical engagement with the emerging fields of conflict transformation and positive criminology reveals potential restorative pathways to individual and communal well-being, and ultimately harm prevention. A growing body of empirical research on the social conditions and processes that give rise to these outcomes will also help us explore such timeless questions as: What is justice? How can "enemies" reconcile? What is the good life?

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Sociology 1153 Section: SEM

Subcultures (213536)

Cristina Lacomba

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

What does subculture mean? Who participates in subcultures and why? What is society's reaction to subcultural mobilization? How do new technologies and the media shape subcultures? This course will mainly draw from sociological theory of culture to examine a variety of national and international subcultural movements around the world. The course also draws from literature on media and cultural studies to provide a further understanding of how subcultural movements arise and evolve. We will analyze different types of subcultures under the lens of class, gender, and race in music, arts, and style movements. Examples include but are not limited to hippies and hipsters, mods, pin-ups, lolitas, or French zazous, rastafarians, pachucos, and hip-hop. The course will explore these forms of identity through theories of resistance, stigma, deviance, fandom and participatory culture among others. The course is of interest to students who want to further their understanding of the relationship between culture, identity, and power.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Sociology 1157

Qualitative Methods in Sociology (205205)

Danilo Mandic

2020 Spring (4 Credits) **Schedule:** M 0900 AM - 1100 AM

Instructor Permissions: Instructor **Enrollment Cap:** 9

What does it mean to "sample"? What is a good research question, and how can you go about answering it? What do we do about bias in our research designs? This seminar offers an introductory overview of qualitative research methods in sociology. Through a series of hands-on, applied exercises and practical case-studies, students will learn what qualitative research looks like in the real world. Students will receive training in the basic instruments, sampling strategies, data collections, practical dilemmas, and common problems of different methodological approaches. We will learn about the advantages and limitations of interview-based, survey, ethnographic, and archival research. Throughout the semester, students will have weekly applications of methods, including with programs such as Atlas.ti and Nvivo. We will learn how to formulate research questions, conceptualize social phenomena, create research designs, code and operationalize, collect data, and interpret and present findings for different purposes.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

Sociology 1167

Sociology of Law (212660)

Yael Berda

2019 Fall (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** 35

Law has a social life. Actually, it has multiple social lives. First, law is itself the product of social forces. It is shaped by what people fight about, what is taken for granted, and what can and cannot be said. But law is also an institution that makes other social institutions possible. From contracts to borders, citizenship to marriage, law consists of concepts and categories, institutions and processes that create social forms and enforce the rules of multiple games. As we will see this semester, law is both the outcome and the starting point of many social processes, it tells us both the history and the perceived future of a social phenomenon. Even before its inception within the legal structure of mandate Palestine in 1948, Israeli law, broadly defined, has been a site for social controversy and contestation. Issues of citizenship and land ownership, geographical borders and international law, the role of the religion in private and public life, questions of historical legacies from the Ottoman and British empires as well as Hebrew and Muslim law all provide powerful case studies for sociologists of law. We will use these issues in Israel as a comparative vantage point to learn to use our sociological imagination to identify, analyze and explain these social phenomena using law and society scholarship.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

Sociology 1171

Crime and Order in the American City (212927)

Robert Sampson

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 35

Ideas about crime and social order have animated debates about cities for over a century. After reviewing classic approaches to the study of the American city, we will evaluate contemporary arguments on central themes such as the "broken-windows" theory of crime, the uses of public space, racial segregation and inequality, immigration, gentrification, the crime decline, and mass incarceration. Students will conduct neighborhood observations as one of the requirements.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

Sociology 1174

Inequality and Society in Contemporary Japan (205106)

Hilary Holbrow

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Japan is at the forefront of a global trend of population aging and decline. Currently the only large, developed country with a declining population, over the course of the 21st century, dozens of other countries in Europe, Asia, and Latin America are expected to begin shrinking as well. The aims of this course are two-fold: first, to understand how institutions, including the family, the education system, the employment system, the welfare state, and social movements of ordinary citizens have shaped Japanese culture and society in unique ways; and second, to consider what Japan can teach us about the likely trajectory of other countries with declining populations.

Throughout the course we will examine how institutions create or mitigate inequalities across various categories of social difference including family background and social class, gender and sexuality, age, national origin, race and ethnicity, and how these inequities are likely to change under conditions of demographic decline.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

Sociology 1175

Immigration and American Society (126223)

Mary Waters

2020 Spring (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course examines immigration to the United States and how that immigration transforms the immigrants as they become Americans and American society as it absorbs the immigrants. We cover theories of international migration and immigrant assimilation, the politics of immigration and nativist reactions, and how immigration policy actually works (or doesn't work). We address legal immigration, the issue of the undocumented, and refugees. Assignments include a visit to immigration court, an interview with an immigrant and an immigration policy memo. We focus on the United States, but also briefly discuss immigration in other immigrant receiving societies such as Canada and Western Europe.

Course Notes: **Formerly Sociology 175**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Sociology 1186

Refugees in Global Perspective (203272)

Danilo Mandic

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The recent arrival of refugees at the U.S.'s southern border and into Europe has caught citizens and policy-makers off guard. Yet such forced migration will continue to rock our globalized world in coming decades. Why are there so many refugees? How are they displaced? Where do they travel, and why? This course will inquire into the nature, causes and consequences of contemporary refugee waves. Students will survey regional dynamics in the Middle East, Africa, Southeast Asia, Eastern Europe and North America. We will examine the particularities of refugees (compared to other migrants) and the changing nature of forced migration since the Second World War. Students will explore historical precedents to contemporary waves, learn about different host society approaches to asylum, compare government and criminal mechanisms of forced migration, and examine the reasons refugees are the object of increasing suspicion and hostility around the world. Particular attention will be paid to Central American migration into the U.S., the recent EU crisis, the role of refugee camps in the 21st century, and alternative strategies for global asylum management by bridge and destination countries.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

FAS Divisional Distribution	Social Sciences

Sociology 1187

Nationalism and Ethnic Diversity (212763)

Elke Winter

2020 Spring (4 Credits) **Schedule:** M 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course examines the dynamics of nation-building in the presence of ethnic diversity in contemporary societies. These two phenomena are increasingly frequent but usually regarded as contradictory, if not mutually exclusive, and hence not often discussed together in the academic literature. The course will familiarize students with key issues, concepts, and sociological theories as they relate to ethno-cultural and ethno-racial heterogeneity, the construction of "difference", nationalism, and nation-building. Concentrating specifically (but not exclusively) on the North American context, we examine the logics, successes, and failures of integrating specific forms of ethnic diversity within various nation-building projects.

Overall, the course enables students to better understand if and how ethnic diversity and multiple group identities can be equitably integrated within the boundaries of the nation. It also allows students to assess ambiguities, shortcomings, and failures of concrete nation-building projects and practices.

Class Notes: **Course taught by Elke Winter**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

Sociology 2202

Intermediate Quantitative Research Methods (119985)

Peter Marsden

2019 Fall (4 Credits) **Schedule:** TR 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Descriptive and inferential techniques used in quantitative sociological research. Emphasis is on the fundamentals of the linear regression model for continuous response variables, focusing on assumptions and interpretation. Motivation, application, and presentation are stressed; topics include categorical covariates, interactions, and diagnostics. Because the linear regression model is the foundation for more specialized models that are often applied in sociological research, the aim of this course is to develop the skills necessary to (a) understand quantitative sociological research, (b) produce convincing analysis, (c) evaluate quantitative analysis, and (d) learn more specialized techniques as needed.

Course Notes: **Required of, and limited to, first-year graduate students in Sociology**

Recommended Prep: **Familiarity with basic statistics.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Sociology 2203

Advanced Quantitative Research Methods (112874)

Christopher Winship

2019 Fall (4 Credits) **Schedule:** TR 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Matrix approach to regression analysis with an emphasis on the assumptions behind OLS. Instrumental variables, generalized least squares, probit and logit models, survival analysis, hierarchical linear models, and systems of equations are studied.

Course Notes: **Required of, and ordinarily limited to, second-year graduate students in Sociology. Previously offered as 203a and 203.**

Recommended Prep: **Sociology 2202 (formerly 202) or basic course in regression analysis.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None

Sociology 2204

Classical Social Theory (117877)

Adaner Usmani

2019 Fall (4 Credits) **Schedule:** W 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Introduction to the formative ideas and socio-intellectual contexts of 19th and early 20th century sociological theory. Course will explore social thought from the perspective provided by the problem of social order - and the roles different thinkers attributed to such factors as solidarity, power, and meaning as solutions to this problem. Consideration of the continuing significance of these ideas for contemporary social thought.

Course Notes: **Required of and limited to first-year graduate students in Sociology, OB, and Sociology/Social Policy students..**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Course Roll	FAS Course Roll

Sociology 2205

Sociological Research Design (125089)

Christina Ciocca Eller

2019 Fall (4 Credits) **Schedule:** F 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course covers the fundamentals of sociological research design. Emphasis is placed on principles that are applicable in all kinds of sociological research, including surveys, participant observation, comparative historical study, interviews, and quantitative analysis of existing data. The course also delves into current methodological controversies in several arenas.

Course Notes: **Required of, and ordinarily limited to, first-year graduate students in Sociology.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Sociology 2208

Contemporary Theory and Research (117760)

Mary Brinton

2020 Spring (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Covers the development of sociology as a discipline in the US and the rise of distinct schools of sociological theory. Assesses the role of mechanisms in sociological theory and explores the use of theory in empirical research.

Course Notes: **Required of and limited to second-year graduate students in Sociology.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Sociology 2209

Qualitative Social Analysis: Seminar (110551)

Ya-Wen Lei

2020 Spring (4 Credits) **Schedule:** W 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course covers basic techniques for collecting, interpreting, analyzing, and reporting interview and observational data. Focused on both theory and practice, the course aims to expose students to many different kinds of qualitative research to provide students a vehicle to produce a compelling paper based on qualitative data.

Course Notes: **This course is required of and limited to first-year students in Sociology or in the joint Ph.D. programs between Sociology and other departments.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

Sociology 2219

Transnational Historical Sociology: Antisemitism and Imperialism (206969)

Yael Berda

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

Sociologists have analyzed empires through the entire history of the discipline. Using imperial frameworks as a unit of analysis was fruitful for learning about state formation and consolidation of power, the innovation of governance methods in multicultural settings, migration and political membership and the relationship between state violence, law, economic extraction, and the growing repertoire of toolkits of government. Hannah Arendt's thesis linking the rise of totalitarianism to imperial practices of government and exploitation, and the use of anti-Semitism to consolidate nationalism is a useful point of departure for investigation of contemporary impact of historical regimes. This course incorporates primary historical, administrative and legal sources from the Roman, Mongolian, Mughal, Ottoman and British Empires, with scholarship of historians, sociologists and economists to providing a broad introduction to transnational historical research. Coupling theoretical readings with hands-on methodological training, Students will practice searching archive materials (at Widener library) and will visit the Geographic Information Systems Center at Harvard for a look at possibilities for using spatial and temporal data for transnational historical research with a focus on Imperialism and Anti-Semitism.

This course is open to undergraduate students with instructor permission.

Course Notes: **This course is designed for graduate students in Sociology (but also open political science, economics, law and public policy interested in conducting transnational historical research using archival data), This course is open to undergraduate students with instructor permission.**

Class Notes: **This course taught by Yael Berda**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students

Sociology 2224

Organizational Analysis: Seminar (123130)

Rakesh Khurana

2020 Spring (4 Credits) **Schedule:** F 0945 AM - 1245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Reviews classical and contemporary theories of organizations and administrations, including a brief survey of foundational social theories, ecological, institutional, resource dependence, transaction-cost, agency theory, networks and social movements. Examines the development of organizational theory through a combination of intellectual history and an appreciative, but critical reading of organizational scholarship. The seminar is jointly offered with HBSDOC 4880: Macro Topics in Organizational Behavior.

Class Notes: **Taught at HBS**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

Sociology 2234

Ethnographic Fieldwork (213557)

Roberto Gonzales

2020 Spring (4 Credits) **Schedule:** R 0100 PM - 0400 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This seminar explores the practice, politics, and poetics of ethnographic fieldwork--the method of immersing oneself into people's daily routines and systematically recording social processes as they unfold in real time. Along with engaging several classic and contemporary texts, seminar members will collect, analyze, and wrestle with ethnographic data. In service to the seminar's broad goals, members will engage in various stages of the ethnographic process: gaining access to a research site or population, taking field notes, conducting and transcribing interviews, and engaging in preliminary analyses of their data. We will also discuss the challenges of entering, being in, and leaving the field. The seminar is therefore designed for students who are willing to engage in focused, hands-on training on ethnographic theory and practice. To best take advantage of what this seminar has to offer, members are urged to come in with a preliminary sketch of a research plan that they would be ready to either directly study in the field or explore through field exercises. This will be a working seminar with members sharing field notes and experiences from the field as well as offering advice and constructive criticism at various stages of the process. This course structure requires a high level of responsibility, respect, and risk-taking among all members.

Course Notes: **Jointly offered with EDU S527; course capped at 15.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Sociology 2247

Nationalism and Citizenship in Comparative Perspective (212764)

Elke Winter

2019 Fall (4 Credits) **Schedule:** M 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This course focusses on the structural and discursive conditions of membership in the nation. It examines how immigration and citizenship policies emphasize specific dimensions of national identity, and how they operate as means of nation-building under the conditions of neoliberalism and globalization. The course introduces students to key sociological issues, concepts, and theories on both nationalism and citizenship, two bodies of literature that cross-fertilize but do not fully overlap. Drawing primarily on recent debates and empirical cases from Europe and North America, the course also highlights how (im)migration and different forms of citizenship acquisition (e.g. birthright versus naturalization) interact with some of the "new nationalisms" (e.g. Brexit, the rise of Trump, new nationalist/identity movements in Europe).

Overall, this course has two principal goals: First, it offers an overview of the interdisciplinary debates that have shaped the field(s) in recent years. Second, it invites students to ask new questions and provides them with the sociological tools to address them.

Course Notes: **Designed as a graduate seminar, relying heavily on student presentations, case studies and class discussions; ideally, enrollment restricted to graduate students from sociology and related disciplines (social sciences and arts), however advanced undergraduate students and/or interested graduate students from other disciplines may be accepted upon request.**

Class Notes: **Course taught by Elke Winter**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Sociology 2255

Social Stratification: Seminar (118858)

Alexandra Killewald

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course examines the dimensions and magnitude of inequality in industrial societies, with a heavy emphasis on the United States since the mid-20th century. The readings and class discussion are designed to expose students to a broad range of influential pieces in the social stratification literature. In particular, we will study inequality through: pay for work, race, neighborhoods, gender, family, mobility, education, social capital, and rising income inequality since 1980.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Sociology 2272

Computational Sociology (207693)

Joscha Legewie

2020 Spring (4 Credits) **Schedule:** M 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course provides an applied introduction to computational methods and data science for sociologists. The first part of the course focuses on programming skills for social scientists. The second part focuses on machine learning and applied causal analysis with concrete exercises that force students to apply the programming skills they learned in the first part of the semester. The course will combine short lectures, with class discussions, hand-on experiences and students own empirical projects.

Class Notes: **Lab required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

Sociology 2290

Qualitative Network Analysis (131291)

Mario Small

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course examines how researchers have analyzed observational, interview, and textual data in the study of social networks. We will explore both classic and contemporary readings in anthropology, sociology, history, and other disciplines, and study both traditional and new techniques, including those based on large-n data but focused on meaning and qualitative aspects of the social world. Social Network Analysis or a similar course on SNA methods is strongly recommended but not required.

Course Notes: **Sociology concentrators in their senior year may take the course with prior permission from Instructor.**

Recommended Prep: **Qualitative Social Analysis or a comparable course is a prerequisite.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

Sociology 2296A

Proseminar on Inequality & Social Policy I (112352)

David Ellwood

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The first doctoral seminar in the Inequality and Social Policy three-course sequence, this course considers the effects of policies and institutions in creating or reducing inequality in the U.S. and other advanced democracies, we well as the reciprocal effects of inequality on political activity and policy choices.

Offered 2015-16 as Gov 2340a

Course Notes: **Offered jointly with the Kennedy School as SUP-921. Offered every other year as Gov 2340a**

Class Notes: **Jointly offered as SUP 921**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Sociology 3301

Special Reading and Research (113583)

Jason Beckfield

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Sociology 3301

Special Reading and Research (113583)

Jason Beckfield

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
No FAINFO	300 or 3000 level class, do not generate FAINFO
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Sociology 3301 Section: 002

Special Reading and Research (113583)

Lawrence Bobo

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Sociology 3301 Section: 002

Special Reading and Research (113583)

Lawrence Bobo

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

All: Cross Reg Availability	Available for Harvard Cross Registration

Sociology 3301 Section: 003

Special Reading and Research (113583)

Bart Bonikowski

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Sociology 3301 Section: 003

Special Reading and Research (113583)

Bart Bonikowski

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Sociology 3301 Section: 004

Special Reading and Research (113583)

Mary Brinton

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Sociology 3301 Section: 004

Special Reading and Research (113583)

Mary Brinton

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Sociology 3301 Section: 005

Special Reading and Research (113583)

Paul Chang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Sociology 3301 Section: 005

Special Reading and Research (113583)

Paul Chang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Sociology 3301 Section: 006

Special Reading and Research (113583)

Frank Dobbin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Sociology 3301 Section: 006

Special Reading and Research (113583)

Frank Dobbin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Sociology 3301 Section: 007

Special Reading and Research (113583)

Michele Lamont

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Sociology 3301 Section: 007

Special Reading and Research (113583)

Alexandra Killewald

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Sociology 3301 Section: 008

Special Reading and Research (113583)

Ya-Wen Lei

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Sociology 3301 Section: 008

Special Reading and Research (113583)

Michele Lamont

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Sociology 3301 Section: 009

Special Reading and Research (113583)

Ya-Wen Lei

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Sociology 3301 Section: 009

Special Reading and Research (113583)

Peter Marsden

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Sociology 3301 Section: 010

Special Reading and Research (113583)

Peter Marsden

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Sociology 3301 Section: 011

Special Reading and Research (113583)

Orlando Patterson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Sociology 3301 Section: 012

Special Reading and Research (113583)

Robert Sampson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Sociology 3301 Section: 012

Special Reading and Research (113583)

Orlando Patterson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Sociology 3301 Section: 013

Special Reading and Research (113583)

Robert Sampson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Sociology 3301 Section: 013

Special Reading and Research (113583)

Theda Skocpol

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Sociology 3301 Section: 014

Special Reading and Research (113583)

Theda Skocpol

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Sociology 3301 Section: 014

Special Reading and Research (113583)

Mario Small

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Sociology 3301 Section: 015

Special Reading and Research (113583)

Jocelyn Viterna

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Sociology 3301 Section: 015

Special Reading and Research (113583)

Mario Small

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Sociology 3301 Section: 016

Special Reading and Research (113583)

Jocelyn Viterna

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Sociology 3301 Section: 016

Special Reading and Research (113583)

Mary Waters

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Sociology 3301 Section: 017

Special Reading and Research (113583)

Alexandra Killewald

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Sociology 3301 Section: 017

Special Reading and Research (113583)

Mary Waters

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Sociology 3301 Section: 018

Special Reading and Research (113583)

William Wilson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Sociology 3301 Section: 018

Special Reading and Research (113583)

William Wilson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Sociology 3301 Section: 019

Special Reading and Research (113583)

Christopher Winship

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Sociology 3301 Section: 019

Special Reading and Research (113583)

Christopher Winship

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Sociology 3301 Section: 020

Special Reading and Research (113583)

Joscha Legewie

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Sociology 3301 Section: 020

Special Reading and Research (113583)

Joscha Legewie

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Sociology 3301 Section: 021

Special Reading and Research (113583)

Ellis Monk

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Sociology 3301 Section: 021

Special Reading and Research (113583)

Ellis Monk

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Sociology 3301 Section: 22

Special Reading and Research (113583)

Adaner Usmani

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Sociology 3301 Section: 22

Special Reading and Research (113583)

Adaner Usmani

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Sociology 3301 Section: 23

Special Reading and Research (113583)

Christina Ciocca Eller

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Sociology 3301 Section: 23

Special Reading and Research (113583)

Christina Ciocca Eller

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Sociology 3302

Direction of Doctoral Dissertations (114925)

Jason Beckfield

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
No FAINFO	300 or 3000 level class, do not generate FAINFO

Sociology 3302

Direction of Doctoral Dissertations (114925)

Jason Beckfield

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Sociology 3302 Section: 002

Direction of Doctoral Dissertations (114925)

Lawrence Bobo

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Sociology 3302 Section: 002

Direction of Doctoral Dissertations (114925)

Lawrence Bobo

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Sociology 3302 Section: 003

Direction of Doctoral Dissertations (114925)

Bart Bonikowski

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Sociology 3302 Section: 003

Direction of Doctoral Dissertations (114925)

Bart Bonikowski

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Sociology 3302 Section: 004

Direction of Doctoral Dissertations (114925)

Mary Brinton

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Sociology 3302 Section: 004

Direction of Doctoral Dissertations (114925)

Mary Brinton

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Sociology 3302 Section: 005

Direction of Doctoral Dissertations (114925)

Paul Chang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Sociology 3302 Section: 005

Direction of Doctoral Dissertations (114925)

Paul Chang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Sociology 3302 Section: 006

Direction of Doctoral Dissertations (114925)

Frank Dobbin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Sociology 3302 Section: 006

Direction of Doctoral Dissertations (114925)

Frank Dobbin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Sociology 3302 Section: 007

Direction of Doctoral Dissertations (114925)

Alexandra Killewald

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Sociology 3302 Section: 007

Direction of Doctoral Dissertations (114925)

Alexandra Killewald

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Sociology 3302 Section: 008

Direction of Doctoral Dissertations (114925)

Michele Lamont

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Sociology 3302 Section: 008

Direction of Doctoral Dissertations (114925)

Michele Lamont

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Sociology 3302 Section: 009

Direction of Doctoral Dissertations (114925)

Ya-Wen Lei

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Sociology 3302 Section: 009

Direction of Doctoral Dissertations (114925)

Ya-Wen Lei

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Sociology 3302 Section: 010

Direction of Doctoral Dissertations (114925)

Peter Marsden

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Sociology 3302 Section: 010

Direction of Doctoral Dissertations (114925)

Peter Marsden

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Sociology 3302 Section: 012

Direction of Doctoral Dissertations (114925)

Orlando Patterson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Sociology 3302 Section: 012

Direction of Doctoral Dissertations (114925)

Orlando Patterson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Sociology 3302 Section: 013

Direction of Doctoral Dissertations (114925)

Robert Sampson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Sociology 3302 Section: 013

Direction of Doctoral Dissertations (114925)

Robert Sampson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Sociology 3302 Section: 014

Direction of Doctoral Dissertations (114925)

Theda Skocpol

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Sociology 3302 Section: 014

Direction of Doctoral Dissertations (114925)

Theda Skocpol

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Sociology 3302 Section: 015

Direction of Doctoral Dissertations (114925)

Mario Small

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Sociology 3302 Section: 015

Direction of Doctoral Dissertations (114925)

Mario Small

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Sociology 3302 Section: 016

Direction of Doctoral Dissertations (114925)

Jocelyn Viterna

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Sociology 3302 Section: 016

Direction of Doctoral Dissertations (114925)

Jocelyn Viterna

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Sociology 3302 Section: 017

Direction of Doctoral Dissertations (114925)

Mary Waters

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Sociology 3302 Section: 017

Direction of Doctoral Dissertations (114925)

Mary Waters

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Sociology 3302 Section: 018

Direction of Doctoral Dissertations (114925)

William Wilson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Sociology 3302 Section: 018

Direction of Doctoral Dissertations (114925)

William Wilson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Sociology 3302 Section: 019

Direction of Doctoral Dissertations (114925)

Christopher Winship

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Sociology 3302 Section: 019

Direction of Doctoral Dissertations (114925)

Christopher Winship

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Sociology 3302 Section: 020

Direction of Doctoral Dissertations (114925)

Joscha Legewie

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Sociology 3302 Section: 020

Direction of Doctoral Dissertations (114925)

Joscha Legewie

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Sociology 3302 Section: 021

Direction of Doctoral Dissertations (114925)

Ellis Monk

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Sociology 3302 Section: 021

Direction of Doctoral Dissertations (114925)

Ellis Monk

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Sociology 3302 Section: 22

Direction of Doctoral Dissertations (114925)

Adaner Usmani

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Sociology 3302 Section: 22

Direction of Doctoral Dissertations (114925)

Adaner Usmani

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Sociology 3302 Section: 23

Direction of Doctoral Dissertations (114925)

Christina Ciocca Eller

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Sociology 3302 Section: 23

Direction of Doctoral Dissertations (114925)

Christina Ciocca Eller

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Taught by members of the department.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Sociology 3303

Advanced Topics in Quantitative Research (114991)

Christopher Winship

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Examines current methodological scholarship in the social sciences with an eye to assessing its quality and potential for advancing quantitative methods. Recently published and unpublished work by local scholars examined.

Course Notes: **Previously offered as 303a.**

Class Notes: **Course held in CGIS Knafel K354**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Sociology 3303

Advanced Topics in Quantitative Research (114991)

Christopher Winship

2019 Fall (4 Credits) **Schedule:** W 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Examines current methodological scholarship in the social sciences with an eye to assessing its quality and potential for advancing quantitative methods. Recently published and unpublished work by local scholars examined.

Course Notes: **Previously offered as 303a.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Sociology 3304

Culture and Social Analysis Workshop (120084)

Bart Bonikowski

Ellis Monk

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

A venue for those working on topics such as meaning-making, identity, collective memory, symbolic boundaries, cultural capital, class cultures, popular culture, media, disciplinary cultures, and the impact of culture on inequality.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Sociology 3304

Culture and Social Analysis Workshop (120084)

Bart Bonikowski

Ellis Monk

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

A venue for those working on topics such as meaning-making, identity, collective memory, symbolic boundaries, cultural capital, class cultures, popular culture, media, disciplinary cultures, and the impact of culture on inequality.

Class Notes: **Meetings begin September 10, 2019**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Sociology 3305

Teaching Practicum (111781)

Jason Beckfield

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

This course is intended to enhance the teaching skills of graduate students in the Sociology Department. Through a combination of classroom discussions and teaching simulations, the seminar challenges students to discover and hone their teaching styles, to develop a personal philosophy about teaching and learning, to develop self-confidence leading and facilitating small and large group discussions, to learn about the teaching resources that are available to them throughout the university, to experiment with designing engaging courses of study, and to discover that teaching can be a rewarding and stimulating element of an academic career.

Course Notes: **Required of and limited to graduate students in Sociology. Attendance at first meeting is required. Not repeatable for credit.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Sociology 3307

Proseminar on Inequality and Social Policy III (112355)

Christina Ciocca Eller

2019 Fall (4 Credits) **Schedule:** M 0130 PM - 0330 PM

Instructor Permissions: Instructor **Enrollment Cap:** 18

Students develop previously completed papers from Proseminar I and II into professional presentations and publishable articles, critique peer papers across disciplines, and discuss presentations of national experts.

Course Notes: **Offered jointly with the Kennedy School as SUP-923.**

Class Notes: **Course meets in HKS Litt 332**

Recommended Prep: **Open to doctoral students in the Multidisciplinary Program in Inequality and Social Policy or the joint PhD Program in Social Policy. Prerequisites: Sociology 296a/Gov 2340a and Government 2340b/Soc 296b (or SUP-921 and SUP-922 at the Kennedy School).**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	Social Sciences
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Sociology 3308

Workshop on Economic Sociology (121013)

Letian Zhang

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Presentations and discussions of new research by members of the community and visiting scholars. Students are exposed to the major paradigms in the field, and see how research articles are developed and refined.

Course Notes: **This course meets weekly at either Harvard or MIT.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Sociology 3308

Workshop on Economic Sociology (121013)

Letian Zhang

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Presentations and discussions of new research by members of the community and visiting scholars. Students are exposed to the major paradigms in the field, and see how research articles are developed and refined.

Course Notes: **This course meets weekly at either Harvard or MIT.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Sociology 3309

Migration and Immigrant Incorporation Workshop (122332)

Mary Waters

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Bi-weekly colloquium for graduate students that examines international migration and the incorporation of migrants into host societies. Students participate in meetings and present original work in progress.

Course Notes: **First class will be held**

Class Notes: **First meeting will be Tuesday, September 17, 2019.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Sociology 3309

Migration and Immigrant Incorporation Workshop (122332)

Mary Waters

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Bi-weekly colloquium for graduate students that examines international migration and the incorporation of migrants into host societies. Students participate in meetings and present original work in progress.

Course Notes: **First class will be held**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Sociology 3310

Qualifying Paper (108137)

Bart Bonikowski

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Guides students through the process of producing an original research paper of high quality. Readings and discussion cover the identification of appropriate research problems, the nature of causal reasoning, and data analysis and write-up.

Course Notes: **Required of, and ordinarily limited to, third-year graduate students while writing the qualifying paper. Not repeatable for credit.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Sociology 3313

Urban Theory and Data Lab (203599)

Robert Sampson

2020 Spring (4 Credits) **Schedule:** R 0345 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

Professors Robert Sampson and Mario Small are organizing the "Urban Theory and Data Lab" to support research by students and postdocs examining the urban condition in the 21st century. The emphasis is on the active discussion of theoretical and empirical research that is in progress, in addition to occasional discussion sessions on selected readings to be determined by the group.

Course Notes: **Meets sporadically.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Sociology 3313

Urban Theory and Data Lab (203599)

Robert Sampson

Mario Small

2019 Fall (4 Credits) **Schedule:** R 0345 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 40

Professors Robert Sampson and Mario Small are organizing the "Urban Theory and Data Lab" to support research by students and postdocs examining the urban condition in the 21st century. The emphasis is on the active discussion of theoretical and empirical research that is in progress, in addition to occasional discussion sessions on selected readings to be determined by the group.

Course Notes: **Meets sporadically.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Sociology 3315

Inequality and Social Policy: Seminar (126529)

Christina Ciocca Eller

2020 Spring (4 Credits) **Schedule:** M 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Sociology 3315

Inequality and Social Policy: Seminar (126529)

Christina Ciocca Eller

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0130 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Sociology 3317

Culture, History and Society (128274)

Orlando Patterson

2020 Spring (4 Credits) **Schedule:** F 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 40

The Workshop in History, Culture, and Society is a forum for the exploration of new developments in historical social science, especially in the fields of Anthropology, Economics, History, Political Science, Psychology, and Sociology. The workshop's primary methodological goal is to initiate a discussion of what constitutes acceptable historical evidence in each of the social sciences. Its main substantive goal is to understand how the past influences the present.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Sociology 3317

Culture, History and Society (128274)

Orlando Patterson

2019 Fall (4 Credits) **Schedule:** F 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The Workshop in History, Culture, and Society is a forum for the exploration of new developments in historical social science, especially in the fields of Anthropology, Economics, History, Political Science, Psychology, and Sociology. The workshop's primary methodological goal is to initiate a discussion of what constitutes acceptable historical evidence in each of the social sciences. Its main substantive goal is to understand how the past influences the present.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Sociology 3321

Contemporary Studies of Race & Ethnicity Workshop (204977)

Lawrence Bobo

2020 Spring (4 Credits) **Schedule:** F 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The Contemporary Studies of Race & Ethnicity (CSRE) workshop's purpose is to provide a forum to disseminate knowledge and facilitate dialogue among graduate students, faculty, and visiting scholars working on or interested in research about contemporary studies related to race & ethnicity. Though the Sociology department hosts the workshop, we seek to bring scholars together across disciplines to explore topics such as ethno-racial hierarchies, racial attitudes, and intergroup relations, as well as the role of race in institutions, politics, and everyday life. The workshop will foster both a learning and collaborative space in which participants can circulate and garner feedback on works in progress, including dissertation chapters, proposals, journal article submissions, conference papers, and practice job talks.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

Sociology 3321

Contemporary Studies of Race & Ethnicity Workshop (204977)

Lawrence Bobo

2019 Fall (4 Credits) **Schedule:** F 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The Contemporary Studies of Race & Ethnicity (CSRE) workshop's purpose is to provide a forum to disseminate knowledge and facilitate dialogue among graduate students, faculty, and visiting scholars working on or interested in research about contemporary studies related to race & ethnicity. Though the Sociology department hosts the workshop, we seek to bring scholars together across disciplines to explore topics such as ethno-racial hierarchies, racial attitudes, and intergroup relations, as well as the role of race in institutions, politics, and everyday life. The workshop will foster both a learning and collaborative space in which participants can circulate and garner feedback on works in progress, including dissertation chapters, proposals, journal article submissions, conference papers, and practice job talks.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

Sociology 3323

Social Demography Workshop (205149)

Alexandra Killewald

Christina Cross

2020 Spring (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 50

The Social Demography Workshop is a venue for graduate students and faculty to present research on a wide variety of topics such as family, gender, inequality, im/migration, fertility, mortality, and the institutional arrangements that shape and respond to population processes.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Social Sciences

Sociology 3323

Social Demography Workshop (205149)

Alexandra Killewald

Christina Cross

Joscha Legewie

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 50

The Social Demography Workshop is a venue for graduate students and faculty to present research on a wide variety of topics such as family, gender, inequality, im/migration, fertility, mortality, and the

institutional arrangements that shape and respond to population processes.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS Course Roll	FAS Course Roll

South Asian Studies

Subject: South Asian Studies

South Asian Studies 91R

Supervised Reading and Research (107379)

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised reading leading to a long term paper in a topic or topics not covered by regular courses of instruction.

Course Notes: **Offered at the discretion of the individual instructors. Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

South Asian Studies 91R Section: 002

Supervised Reading and Research (107379)

Parimal Patil

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised reading leading to a long term paper in a topic or topics not covered by regular courses of instruction.

Course Notes: **Offered at the discretion of the individual instructors. Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

South Asian Studies 91R Section: 002

Supervised Reading and Research (107379)

Parimal Patil

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised reading leading to a long term paper in a topic or topics not covered by regular courses of instruction.

Course Notes: **Offered at the discretion of the individual instructors. Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

South Asian Studies 98R

Tutorial - Junior Year (107380)

Richard Delacy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Required of concentrators.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

South Asian Studies 98R

Tutorial - Junior Year (107380)

Richard Delacy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Required of concentrators.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

South Asian Studies 99RA

Tutorial - Senior Year (107381)

Richard Delacy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Required of concentrators writing a thesis.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
Full Year Course	Indivisible Course
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

South Asian Studies 99RB

Tutorial - Senior Year (159862)

Richard Delacy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Required of concentrators writing a thesis.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Arts and Humanities
Course Search Attributes	Display Only in Course Search
FAS Course Roll	FAS Course Roll
Full Year Course	Indivisible Course
FAS: Course Level	Primarily for Undergraduate Students

South Asian Studies 100R

South Asian Language Tutorials, Introductory Level (107378)

Richard Delacy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Individualized study of a South Asian language at the introductory level; emphasis on written expression,

reading comprehension and oral fluency. Languages recently offered are Elementary Bahasa Indonesia, Elementary Bengali, and Elementary Burmese though others may be approved upon petition to the Director of Undergraduate Studies/Director of Graduate Studies.

Topic: **Introductory Bahasa Indonesia**

Course Notes: **Not open to auditors.**

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	South Asian Studies Language Tutorial
All: Cross Reg Availability	Available for Harvard Cross Registration

South Asian Studies 100R Section: 004

South Asian Language Tutorials, Introductory Level (107378)

Richard Delacy

2020 Spring (4 Credits) **Schedule:** R -

Instructor Permissions: Department **Enrollment Cap:** n/a

Individualized study of a South Asian language at the introductory level; emphasis on written expression, reading comprehension and oral fluency. Languages recently offered are Elementary Bahasa Indonesia, Elementary Bengali, and Elementary Burmese though others may be approved upon petition to the Director of Undergraduate Studies/Director of Graduate Studies.

Topic: **Introductory Punjabi**

Course Notes: **Not open to auditors.**

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	South Asian Studies Language Tutorial

South Asian Studies 100R Section: 004

South Asian Language Tutorials, Introductory Level (107378)

Richard Delacy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Individualized study of a South Asian language at the introductory level; emphasis on written expression, reading comprehension and oral fluency. Languages recently offered are Elementary Bahasa Indonesia, Elementary Bengali, and Elementary Burmese though others may be approved upon petition to the Director of Undergraduate Studies/Director of Graduate Studies.

Topic: **Introductory Punjabi**

Course Notes: **Not open to auditors.**

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	South Asian Studies Language Tutorial
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

South Asian Studies 101R

South Asian Language Tutorials, Intermediate Level (206648)

Richard Delacy

2020 Spring (4 Credits) **Schedule:** MF -

Instructor Permissions: Department **Enrollment Cap:** n/a

Individualized study of a South Asian language at the intermediate level; emphasis on written expression, reading comprehension and oral fluency. Languages recently offered are Intermediate Bahasa Indonesia, Intermediate Bengali, and Intermediate Burmese though others may be approved upon petition to the Director of Undergraduate Studies/Director of Graduate Studies.

Topic: **Intermediate Bahasa Indonesia**

Course Notes: **Not open to auditors. Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	South Asian Studies Language Tutorial
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	None

South Asian Studies 101R

South Asian Language Tutorials, Intermediate Level (206648)

Richard Delacy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Individualized study of a South Asian language at the intermediate level; emphasis on written expression, reading comprehension and oral fluency. Languages recently offered are Intermediate Bahasa Indonesia, Intermediate Bengali, and Intermediate Burmese though others may be approved upon petition to the Director of Undergraduate Studies/Director of Graduate Studies.

Topic: **Intermediate Bahasa Indonesia**

Course Notes: **Not open to auditors. Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	South Asian Studies Language Tutorial
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	None

South Asian Studies 101R Section: 004

South Asian Language Tutorials, Intermediate Level (206648)

Richard Delacy

2020 Spring (4 Credits) **Schedule:** TR -

Instructor Permissions: Department **Enrollment Cap:** n/a

Individualized study of a South Asian language at the intermediate level; emphasis on written expression, reading comprehension and oral fluency. Languages recently offered are Intermediate Bahasa Indonesia, Intermediate Bengali, and Intermediate Burmese though others may be approved upon petition to the Director of Undergraduate Studies/Director of Graduate Studies.

Topic: **Intermediate Punjabi**

Course Notes: **Not open to auditors. Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	South Asian Studies Language Tutorial
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

South Asian Studies 101R Section: 004

South Asian Language Tutorials, Intermediate Level (206648)

Richard Delacy

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Department **Enrollment Cap:** n/a

Individualized study of a South Asian language at the intermediate level; emphasis on written expression, reading comprehension and oral fluency. Languages recently offered are Intermediate Bahasa Indonesia, Intermediate Bengali, and Intermediate Burmese though others may be approved upon petition to the Director of Undergraduate Studies/Director of Graduate Studies.

Topic: **Intermediate Punjabi**

Course Notes: **Not open to auditors. Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	South Asian Studies Language Tutorial
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

South Asian Studies 102R

South Asian Language Tutorials, Advanced Level (206649)

Richard Delacy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

Individualized study of a South Asian language at the advanced level; emphasis on written expression, reading comprehension and oral fluency. Languages recently offered are Advanced Bahasa Indonesia, Advanced Bengali, and Advanced Burmese though others may be approved upon petition to the Director of Undergraduate Studies/Director of Graduate Studies.

Topic: **Advanced Bahasa Indonesia**

Course Notes: **Not open to auditors. Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	South Asian Studies Language Tutorial
FAS: Course Level	For Undergraduate and Graduate Students

FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

South Asian Studies 126

Medieval and Modern History of Kashmir (212652)

Michael Witzel

2019 Fall (4 Credits) **Schedule:** R 0945 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course presents a survey of the medieval history of Kashmir, beginning with archaeological data and the first available written sources in Indian, Greek and Chinese texts; as well as with the subsequent sources in Sanskrit and Persian. This is followed by an overview of early premodern and recent sources, up to the loss of independence in 1947 and the recent strife in the Kashmir Valley.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

South Asian Studies 183

The Vernacular in South Asia (213521)

Sravanthi Kollu

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will examine how vernacular languages have been understood within South Asian Studies and the significance of these languages for the South Asian region. We will explore multiple facets of the vernacular - its political and cultural relevance, the vernacular as a literary and aesthetic concept and the historical emergence of modern South Asian vernaculars - as an introduction to the discipline and to comparative literary and historical studies. Prior knowledge of South Asian languages is not required. All course readings will be in English or made available in English translation.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

South Asian Studies 184

The Census and Its Uncountables (214502)

Sravanthi Kollu

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Come 2020 we will participate in the United States census by filling out a questionnaire that includes questions about our gender, race, ethnic origin, etc. The categories mentioned here are all concepts we otherwise associate with individual, social and political identity. This course will begin with a simple question – why does the census count us along these lines? What do these categories have to do with modern governance? We will quickly see that the categories recorded on the census have evolved over the decades; categories such as 'race' and 'ethnic origin' have undergone particularly incredible shifts in whom they count.

To understand *why* these concepts have shifted and *how* they transform populations and identities requires a longer engagement with the census, its history and its contemporary manifestations. The Census and Its Uncountables offers you the opportunity for such engagement by focusing on the counting of one particular set of populations in the United States (South Asians) and the counting of South Asians by colonial governments in British India. Keeping in mind the prevalence of a South Asian diasporic community in the United States, we will begin the course by looking at how South Asians were categorized within the United States. We will then compare the early census in the United States with how the census and similar surveys in colonial South Asia used categories such as language, race, etc. to count populations and the social and political ramifications of such counting. The course is designed to offer you a conceptually nuanced engagement with identity and to that end we will also read some key texts (literary and otherwise) that explore what identity means.

By the end of the course, you will have a historically rich understanding of key concepts such as population, governmentality, colonialism and identity. You will end the course with a group project where you will use the knowledge and analytical skills gained in the course to write about the census of the future.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

South Asian Studies 185

Writing Modern South Asia (214528)

Sravanthi Kollu

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

In this course you will explore key texts of modern South Asian literature. The texts we will read span a period of roughly two centuries (1790-2016), four nations (India, Pakistan, Sri Lanka and Bangladesh), and global diasporic communities; yet they offer at best a limited sampling of the breadth and diversity of literary writing in/about South Asia. This course treats this breadth of material as a powerful challenge to us as readers. Hence, we will focus as much on our responses to, and expectations of, South Asian texts as readers as we will on the texts themselves. A key aim of the course is to help you cultivate reading and writing skills that equip you to work with diversity and contradiction in literary texts, skills that can be applied more broadly to other texts and textual representation. In keeping with this broader aim, the writing assignments through the semester will culminate at the end of the course in a longform essay you will write for a non-specialist audience. This essay will be your opportunity to historicize, compare, and reflect on two authors from the course that spoke to you.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

South Asian Studies 301

Graduate Teaching (210979)

2020 Spring (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Graduate student teaching.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

South Asian Studies 301

Graduate Teaching (210979)

2019 Fall (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Graduate student teaching.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

South Asian Studies 302

Reading and Research (110709)

Sunil Amrith

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

South Asian Studies 302 Section: 002

Reading and Research (110709)

Ali Asani

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

South Asian Studies 302 Section: 002

Reading and Research (110709)

Ali Asani

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

South Asian Studies 302 Section: 003

Reading and Research (110709)

Francis Clooney

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

South Asian Studies 302 Section: 003

Reading and Research (110709)

Francis Clooney

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

South Asian Studies 302 Section: 004

Reading and Research (110709)

Diana Eck

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

South Asian Studies 302 Section: 004

Reading and Research (110709)

Diana Eck

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

South Asian Studies 302 Section: 006

Reading and Research (110709)

Parimal Patil

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

South Asian Studies 302 Section: 006

Reading and Research (110709)

Parimal Patil

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

South Asian Studies 302 Section: 007

Reading and Research (110709)

Michael Witzel

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

South Asian Studies 302 Section: 007

Reading and Research (110709)

Michael Witzel

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

South Asian Studies 310

Direction of Doctoral Dissertations (210980)

Sunil Amrith

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

South Asian Studies 310

Direction of Doctoral Dissertations (210980)

Jay Jasanoff

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Subject: Tibetan

Tibetan 91R

Supervised Reading and Research (118666)

Leonard van der Kuijp

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised reading of texts in Tibetan not covered by regular courses of instruction.

Course Notes: **Offered at the discretion of the instructors. Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Tibetan 91R

Supervised Reading and Research (118666)

Leonard van der Kuijp

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised reading of texts in Tibetan not covered by regular courses of instruction.

Course Notes: **Offered at the discretion of the instructors. Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Tibetan 101A

Elementary Classical Tibetan (113685)

Leonard van der Kuijp

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An introductory course designed for students with no background in classical Tibetan. Students begin with the Tibetan script, its standard transliteration into Roman characters, and pronunciation before proceeding to the basics of Tibetan grammar. After mastering a foundational vocabulary, students begin translating simple Tibetan texts.

Course Notes: **Not open to auditors; cannot be taken Pass/Fail.**

Class Notes: **The First Meeting of this course will be held at 1 Bow St., Room 317. Subsequest meetings will be posted when finalized.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Tibetan
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Tibetan 101B

Elementary Classical Tibetan (115483)

Leonard van der Kuijp

2020 Spring (4 Credits) **Schedule:** MF -

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Tibetan 101a

Course Notes: **Not open to auditors; cannot be taken Pass/Fail.**

Requirements: **Prerequisite: Tibetan 101a**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Meets Foreign Lang Req	Tibetan
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Tibetan 102A

Intermediate Classical Tibetan (116075)

Leonard van der Kuijp

2019 Fall (4 Credits) **Schedule:** MF 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** n/a

An intermediate classical Tibetan reading course focusing on the development of translation skills through attention to grammatical and philological analysis. This course will also provide training in the research skills required to work with the Buddhist canonical texts of the Bka' 'gyur and Bstan 'gyur. Readings will be selected from a variety of Tibetan literary genres, including Buddhist philosophy and path literature, as well as historical and biographical narrative texts.

Course Notes: **Not open to auditors; cannot be taken Pass/Fail.**

Requirements: **Prerequisite: Tibetan 101a AND 101b**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Tibetan
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Tibetan

Tibetan 102B

Intermediate Classical Tibetan (116076)

Leonard van der Kuijp

2020 Spring (4 Credits) **Schedule:** MF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of 102a.

Course Notes: **Not open to auditors; cannot be taken Pass/Fail.**

Requirements: **Prerequisite: Tibetan 101a AND Tibetan 101b**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Tibetan
HCOL: Foreign Lang Citation	Tibetan

Tibetan 104AR

Elementary Colloquial Tibetan (113705)

Richard Delacy

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** n/a

An introduction to spoken standard Central Tibetan: its phonology and basic grammar and syntactic structures - with drill sessions.

Course Notes: **Not open to auditors; cannot be taken Pass/Fail.**

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

First Meeting times will be posted on the Department of South Asian Studies' website in shortly before the term begins: sas.fas.harvard.edu

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Tibetan

Tibetan 104BR

Elementary Colloquial Tibetan (120259)

Richard Delacy

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: Department **Enrollment Cap:** n/a

Continuation of Tibetan 104ar.

Course Notes: **Not open to auditors; cannot be taken Pass/Fail.**

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student,

and when suitable instruction can be arranged. Please contact the department to learn more.

First Meeting times will be posted on the Department of South Asian Studies' website in shortly before the term begins: sas.fas.harvard.edu

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Tibetan
FAS Course Roll	FAS Course Roll

Tibetan 105AR

Intermediate Colloquial Tibetan (110640)

Richard Delacy

2019 Fall (4 Credits) **Schedule:** MWF 1200 PM - 0100 PM

Instructor Permissions: Department **Enrollment Cap:** n/a

This course will cover more complex grammatical and syntactic structures of spoken standard Central Tibetan - with drill sessions.

Course Notes: **Not open to auditors; cannot be taken Pass/Fail.**

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

First Meeting times will be posted on the Department of South Asian Studies' website in shortly before the term begins: sas.fas.harvard.edu

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Tibetan

Tibetan 105BR

Intermediate Colloquial Tibetan (110519)

Richard Delacy

2020 Spring (4 Credits) **Schedule:** WF -

Instructor Permissions: Department **Enrollment Cap:** n/a

Continuation of Tibetan 105ar.

Course Notes: **Not open to auditors; cannot be taken Pass/Fail.**

Please contact the Department of South Asian Studies (southasianstudies@fas.harvard.edu) before the start of classes if you are interested in enrolling in a Colloquial Tibetan language course. Students will be required to submit a statement demonstrating an academic need to enroll.

First Meeting times will be posted on the Department of South Asian Studies' website in shortly before the term begins: sas.fas.harvard.edu

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Tibetan
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Tibetan 106AR

Advanced Colloquial Tibetan (116077)

Richard Delacy

2019 Fall (4 Credits) **Schedule:** TR 0600 PM - 0715 PM

Instructor Permissions: Department **Enrollment Cap:** n/a

Course Notes: **Not open to auditors; cannot be taken Pass/Fail.**

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

First Meeting times will be posted on the Department of South Asian Studies' website in shortly before the term begins: sas.fas.harvard.edu

Recommended Prep: **Tibetan 101 and 102, or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Tibetan
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Tibetan 106BR

Advanced Colloquial Tibetan (116078)

Richard Delacy

2020 Spring (4 Credits) **Schedule:** TR 0600 PM - 0715 PM

Instructor Permissions: Department **Enrollment Cap:** n/a

Continuation of Tibetan 106ar.

Course Notes: **Not open to auditors; cannot be taken Pass/Fail.**

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

First Meeting times will be posted on the Department of South Asian Studies' website in shortly before the term begins: sas.fas.harvard.edu

Recommended Prep: **Tibetan 101 and 102, or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Tibetan

Tibetan 209

Issues with Śāntideva's Bodhicaryāvatāra and its Indian and Tibetan Commentaries (212813)

Leonard van der Kuijp

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course examines some of the controversies surrounding the *Bodhicary*ā*vat*ā*ra*'s philosophical positions as identified in the Tibetan commentarial literature from the twelfth to the fifteenth century, and the Indian commentaries as found in the Tibetan canon. Special consideration will be given to the works of Slob dpon Bsod nams rtse mo, Rgyal tshab Dar ma rin chen, and Gser mdog Pa□ chen Shākya mchog ldan.

Recommended Prep: **Familiarity with Classical Tibetan.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Tibetan 210

Readings in the Tibetan Literature on the Date of the Historical Buddha (212814)

Leonard van der Kuijp

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course examines various specimen of the so-called *Bstan rtsis*, *Buddhist Chronology*, literature, with a special emphasis on the different chronologies Tibetan writers proposed for the Buddha's life.

Recommended Prep: **Familiarity with Classical Tibetan.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Tibetan 211

Readings in the Collected Works of Dar ma rgyal mtshan (1227-1305), alias or Bcom ldan rig[s] ral (212815)

Leonard van der Kuijp

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course seeks to introduce an important thirteenth century intellectual by examining the corpus of Dar ma rgyal mtshan's oeuvre that has recently become available. We will try to bring these into some chronological order and read various segments from a select number of his writings.

Recommended Prep: **Familiarity with Classical Tibetan.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

Tibetan 212

Readings in Gser mdog Pa□ chen Shākya mchog ldan's (1428-1507) Tshad ma rigs gter gyi dgongs rgyan (212816)

Leonard van der Kuijp

2020 Spring (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Gser mdog Pan chen's work on logic and epistemology (*tshad ma*) was path breaking. We will be reading passages from his *Dgongs rgyan* and contextualize his arguments against the background of the history of Indo-Tibetan Buddhist epistemology and logic.

Recommended Prep: **Familiarity with Classical Tibetan.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Tibetan 300

Reading and Research (119022)

Leonard van der Kuijp

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Tibetan 300

Reading and Research (119022)

Leonard van der Kuijp

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Tibetan 302

Direction of AM Theses (120037)

Leonard van der Kuijp

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Tibetan 302

Direction of AM Theses (120037)

Leonard van der Kuijp

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Subject: Nepali

Nepali 101A

Introductory Nepali (118665)

Richard Delacy

2019 Fall (4 Credits) **Schedule:** T 0600 PM - 0715 PM

Instructor Permissions: Department **Enrollment Cap:** n/a

This course introduces the basic grammatical structures of modern Nepali, enabling students to read and produce simple, standard prose as well as engage in basic conversation by the end of the first year. Nepali is taught with a concern for the cultural context in which this language is spoken and written.

Course Notes: **Not open to auditors.**

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

First Meeting times will be posted on the Department of South Asian Studies' website in shortly before the term begins: sas.fas.harvard.edu

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Nepali
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Nepali 101B

Introductory Nepali (112216)

Richard Delacy

2020 Spring (4 Credits) **Schedule:** T 0600 PM - 0845 PM

Instructor Permissions: Department **Enrollment Cap:** n/a

Continuation of Nepali 101a.

Course Notes: **Not open to auditors.**

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

First Meeting times will be posted on the Department of South Asian Studies' website in shortly before the term begins: sas.fas.harvard.edu

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Nepali
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Nepali 102A

Intermediate Nepali (122898)

2019 Fall (4 Credits) **Schedule:**

Instructor Permissions: Department **Enrollment Cap:** n/a

This course is designed to provide students with a more sophisticated knowledge of Nepali grammar. Students will also have an opportunity to use Nepali language for communication purposes and will be able to analyze more complex sentence types than the ones taught in the introductory course.

Course Notes: **Not open to auditors.**

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

First Meeting times will be posted on the Department of South Asian Studies' website in shortly before the term begins: sas.fas.harvard.edu

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Nepali
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

Nepali 102B

Intermediate Nepali (112088)

Richard Delacy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

This course is designed to provide students with a more sophisticated knowledge of Nepali grammar. Students will also have an opportunity to use Nepali language for communication purposes and will be able to analyze more complex sentence types than the ones taught in the introductory course.

Course Notes: **Not open to auditors.**

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

First Meeting times will be posted on the Department of South Asian Studies' website in shortly before the term begins: sas.fas.harvard.edu

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Nepali

Nepali 103A

Advanced Nepali (125730)

Richard Delacy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

A reading course in Modern Nepali Literature, suitable for students who have at least three years of Nepali learning. This course is designed to help students understand some of the complex literary materials composed in modern Nepali language. The students will have an opportunity to read a wide variety of selected texts, understand the linguistic systems operative in those writings, and come up with their own informed understanding of them.

Course Notes: **Not open to auditors.**

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

First Meeting times will be posted on the Department of South Asian Studies' website in shortly before the term begins: sas.fas.harvard.edu

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Nepali
FAS Course Roll	FAS Course Roll

Nepali 103B

Advanced Nepali (125731)

Richard Delacy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

A reading course in Modern Nepali Literature, suitable for students who have at least three years of Nepali learning. This course is designed to help students understand some of the complex literary materials composed in modern Nepali language. The students will have an opportunity to read a wide variety of selected texts, understand the linguistic systems operative in those writings, and come up with their own informed understanding of them.

Course Notes: **Not open to auditors.**

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

First Meeting times will be posted on the Department of South Asian Studies' website in shortly before the term begins: sas.fas.harvard.edu

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Nepali

Nepali 104A

Readings in Modern Nepali Literature (126706)

Richard Delacy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

A reading course in Modern Nepali Literature, suitable for students who have at least three years of Nepali learning. This course is designed to help students understand some of the complex literary materials composed in modern Nepali language. The students will have an opportunity to read a wide variety of selected texts, understand the linguistic systems operative in those writings, and come up with their own

informed understanding of them

Course Notes: **Not open to auditors.**

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

First Meeting times will be posted on the Department of South Asian Studies' website in shortly before the term begins: sas.fas.harvard.edu

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Nepali
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Nepali 104B

Readings in Modern Nepali Literature (126707)

Richard Delacy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

A reading course in Modern Nepali Literature, suitable for students who have at least three years of Nepali learning. This course is designed to help students understand some of the complex literary materials composed in modern Nepali language. The students will have an opportunity to read a wide variety of selected texts, understand the linguistic systems operative in those writings, and come up with their own informed understanding of them.

Course Notes: **Not open to auditors.**

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

First Meeting times will be posted on the Department of South Asian Studies' website in shortly before the term begins: sas.fas.harvard.edu

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Nepali

Nepali 301

Reading and Research (211050)

Michael Witzel

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Nepali 301

Reading and Research (211050)

Michael Witzel

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Subject: Tamil

Tamil 91R

Tamil Supervised Readings (206819)

Jonathan Ripley

2020 Spring (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised reading of texts in Tamil not covered by regular courses of instruction.

Course Notes: **Offered at the discretion of the instructors. Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

All: Cross Reg Availability	Available for Harvard Cross Registration

Tamil 91R

Tamil Supervised Readings (206819)

Jonathan Ripley

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised reading of texts in Tamil not covered by regular courses of instruction.

Course Notes: **Offered at the discretion of the instructors. Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Tamil 101A

Elementary Tamil (127491)

Jonathan Ripley

2019 Fall (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An introduction to the oldest of the Dravidian languages of South India, Tamil holds official language status in Tamil Nadu, Singapore, and Sri Lanka. Tamil has one of the oldest uninterrupted literary traditions in the world, ranging from classical love poetry, devotional compositions and epics to the modern novel and short story. Students will be introduced to the Tamil script and to reading, writing, and speaking. Materials from popular culture will supplement modern teaching materials.

Course Notes: **Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Tamil
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

Tamil 101B

Elementary Tamil (127492)

Jonathan Ripley

2020 Spring (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Tamil 101a.

Course Notes: **Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Tamil

Tamil 102A

Intermediate Tamil (127493)

Jonathan Ripley

2019 Fall (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Tamil 101. Focus will be on further developing reading, writing, and speaking skills. Students will read fables, newspapers, short stories, and other genres of literature including poetry. Tamil cinema and audiovisual materials presenting contemporary and traditional Tamil culture will be used as supplementary class material.

Course Notes: **Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Tamil
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
HCOL: Foreign Lang Citation	Tamil

Tamil 102B

Intermediate Tamil (127494)

Jonathan Ripley

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Continuation of Tamil 102a.

Course Notes: **Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Meets Foreign Lang Req	Tamil
FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	Tamil

Tamil 103BR

Advanced Tamil (127496)

Jonathan Ripley

2020 Spring (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Continuation of Tamil 102. Covers topics of advanced grammar and is designed to further develop proficiency in speaking, listening, reading, and writing. Texts include modern literature, classical poetry, devotional literature, epic literature, and selections from minor literary forms. Films and other audiovisual materials will be used as well.

Course Notes: **Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Tamil

Subject: Hindi-Urdu

Hindi-Urdu 91R

Hindi-Urdu Supervised Readings (107375)

Ali Asani

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instruction in Hindi-Urdu in topics not covered in the regular curriculum.

Course Notes: **Offered at the discretion of the instructors. Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Hindi-Urdu 91R

Hindi-Urdu Supervised Readings (107375)

Ali Asani

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instruction in Hindi-Urdu in topics not covered in the regular curriculum.

Course Notes: **Offered at the discretion of the instructors. Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Hindi-Urdu 91R Section: 002

Hindi-Urdu Supervised Readings (107375)

Richard Delacy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instruction in Hindi-Urdu in topics not covered in the regular curriculum.

Course Notes: **Offered at the discretion of the instructors. Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Hindi-Urdu 91R Section: 002

Hindi-Urdu Supervised Readings (107375)

Richard Delacy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instruction in Hindi-Urdu in topics not covered in the regular curriculum.

Course Notes: **Offered at the discretion of the instructors. Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Hindi-Urdu 91R Section: 003

Hindi-Urdu Supervised Readings (107375)

Hajnalka Kovacs

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instruction in Hindi-Urdu in topics not covered in the regular curriculum.

Course Notes: **Offered at the discretion of the instructors. Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Hindi-Urdu 91R Section: 003

Hindi-Urdu Supervised Readings (107375)

Hajnalka Kovacs

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Instruction in Hindi-Urdu in topics not covered in the regular curriculum.

Course Notes: **Offered at the discretion of the instructors. Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Hindi-Urdu 101A

Introductory Hindi-Urdu (113639)

Richard Delacy

2019 Fall (4 Credits) **Schedule:** MTWR 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An Introduction to the modern standard form of the most widely spoken language in South Asia, Hindi-Urdu. Students are introduced to both writing systems: the Devanagari script of Hindi and the Nastaliq script of Urdu. The basic grammatical structures are presented and reinforced, and students are also exposed to the cultural and historical context in which Hindi-Urdu has existed over several centuries. The

course also draws from the modern medium of film, in particular recent Bollywood songs, to reinforce structures and vocabulary. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
Full Year Course	Indivisible Course
FAS: Meets Foreign Lang Req	Hindi-Urdu
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Hindi-Urdu 101A Section: 002

Introductory Hindi-Urdu (113639)

Hajnalka Kovacs

2019 Fall (4 Credits) **Schedule:** MTWR 1030 AM - 1130 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An Introduction to the modern standard form of the most widely spoken language in South Asia, Hindi-Urdu. Students are introduced to both writing systems: the Devanagari script of Hindi and the Nastaliq script of Urdu. The basic grammatical structures are presented and reinforced, and students are also exposed to the cultural and historical context in which Hindi-Urdu has existed over several centuries. The course also draws from the modern medium of film, in particular recent Bollywood songs, to reinforce structures and vocabulary. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Hindi-Urdu
FAS: Course Level	For Undergraduate and Graduate Students
Full Year Course	Indivisible Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Hindi-Urdu 101B

Introductory Hindi-Urdu (159973)

Richard Delacy

2020 Spring (4 Credits) **Schedule:** MTWR 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An Introduction to the modern standard form of the most widely spoken language in South Asia, Hindi-Urdu. Students are introduced to both writing systems: the Devanagari script of Hindi and the Nastaliq

script of Urdu. The basic grammatical structures are presented and reinforced, and students are also exposed to the cultural and historical context in which Hindi-Urdu has existed over several centuries. The course also draws from the modern medium of film, in particular recent Bollywood songs, to reinforce structures and vocabulary. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Hindi-Urdu
FAS: Course Level	For Undergraduate and Graduate Students
Full Year Course	Indivisible Course
FAS Course Roll	FAS Course Roll
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Hindi-Urdu 101B Section: 002

Introductory Hindi-Urdu (159973)

Hajnalka Kovacs

2020 Spring (4 Credits) **Schedule:** MTWR 1030 AM - 1130 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An Introduction to the modern standard form of the most widely spoken language in South Asia, Hindi-Urdu. Students are introduced to both writing systems: the Devanagari script of Hindi and the Nastaliq script of Urdu. The basic grammatical structures are presented and reinforced, and students are also exposed to the cultural and historical context in which Hindi-Urdu has existed over several centuries. The course also draws from the modern medium of film, in particular recent Bollywood songs, to reinforce structures and vocabulary. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
Full Year Course	Indivisible Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
Course Search Attributes	Display Only in Course Search
FAS: Meets Foreign Lang Req	Hindi-Urdu

Hindi-Urdu 102A

Intermediate Hindi-Urdu (112079)

Richard Delacy

2019 Fall (4 Credits) **Schedule:** MTWR 0430 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Hindi-Urdu 101. Emphasis on written expression and texts in both Perso-Arabic and Devanagari script systems. Students are introduced to Hindi-Urdu fables, short stories, and various other genres of literature, including poetry. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Not open to auditors; cannot be taken Pass/Fail.**

Requirements: **Prerequisite: Hindi-Urdu 101**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Hindi-Urdu
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Indivisible Course
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Hindi-Urdu
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Hindi-Urdu 102B

Intermediate Hindi-Urdu (159974)

Richard Delacy

2020 Spring (4 Credits) **Schedule:** MTWR 0430 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Continuation of Hindi-Urdu 101. Emphasis on written expression and texts in both Perso-Arabic and Devanagari script systems. Students are introduced to Hindi-Urdu fables, short stories, and various other genres of literature, including poetry. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Notes: **Not open to auditors; cannot be taken Pass/Fail.**

Requirements: **Prerequisite: Hindi-Urdu 101**

Additional Course Attributes:

Attribute	Value(s)
FAS: Meets Foreign Lang Req	Hindi-Urdu
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Search Attributes	Display Only in Course Search
HCOL: Foreign Lang Citation	Hindi-Urdu
Full Year Course	Indivisible Course

Hindi-Urdu 103AR

Advanced Hindi-Urdu (116494)

Hajnalka Kovacs

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Hindi-Urdu 102; covers topics in advanced grammar; designed to improve proficiency in speaking, listening, reading, and writing.

Course Notes: **Not open to auditors.**

Recommended Prep: **Hindi-Urdu 102 or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Hindi-Urdu
HCOL: Foreign Lang Citation	Hindi-Urdu
All: Cross Reg Availability	Available for Harvard Cross Registration

Hindi-Urdu 103BR

Advanced Hindi-Urdu (115586)

Hajnalka Kovacs

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Continuation of Hindi-Urdu 103a.

Course Notes: **Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Hindi-Urdu
HCOL: Foreign Lang Citation	Hindi-Urdu
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

Hindi-Urdu 105R

Topics in Hindi-Urdu Literature (115587)

Ali Asani

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading course. A course for students with native or near-native proficiency with readings in a variety of genres from Hindi and/or Urdu literature based on student interest.

Course Notes: **Offered at the discretion of the instructors. Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Hindi-Urdu

Hindi-Urdu 105R

Topics in Hindi-Urdu Literature (115587)

Ali Asani

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading course. A course for students with native or near-native proficiency with readings in a variety of genres from Hindi and/or Urdu literature based on student interest.

Course Notes: **Offered at the discretion of the instructors. Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Hindi-Urdu
All: Cross Reg Availability	Available for Harvard Cross Registration

Hindi-Urdu 105R Section: 002

Topics in Hindi-Urdu Literature (115587)

Richard Delacy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading course. A course for students with native or near-native proficiency with readings in a variety of genres from Hindi and/or Urdu literature based on student interest.

Course Notes: **Offered at the discretion of the instructors. Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Hindi-Urdu

Hindi-Urdu 105R Section: 002

Topics in Hindi-Urdu Literature (115587)

Richard Delacy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading course. A course for students with native or near-native proficiency with readings in a variety of genres from Hindi and/or Urdu literature based on student interest.

Course Notes: **Offered at the discretion of the instructors. Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Hindi-Urdu
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Hindi-Urdu 105R Section: 003

Topics in Hindi-Urdu Literature (115587)

Hajnalka Kovacs

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading course. A course for students with native or near-native proficiency with readings in a variety of genres from Hindi and/or Urdu literature based on student interest.

Topic: **The Persian Component: Reading**

Course Notes: **Offered at the discretion of the instructors. Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
HCOL: Foreign Lang Citation	Hindi-Urdu
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Hindi-Urdu 105R Section: 003

Topics in Hindi-Urdu Literature (115587)

Hajnalka Kovacs

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual reading course. A course for students with native or near-native proficiency with readings in a variety of genres from Hindi and/or Urdu literature based on student interest.

Course Notes: **Offered at the discretion of the instructors. Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
HCOL: Foreign Lang Citation	Hindi-Urdu
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Hindi-Urdu 107

Readings in Urdu Discursive Prose (207017)

Hajnalka Kovacs

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The course focuses on the writings of prominent 19th-20th century scholars, such as Sir Sayyid Ahmad Khan (1817–1898), Muhammad Husain Azad (1830–1910), Altaf Husain Hali (1834–1917), Nazir Ahmad (1831–1912), and Shibli Nu`mani (1857–1914), among others.

Recommended Prep: **Hindi-Urdu 102 or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Hindi-Urdu 123

Bollywood and Beyond: Commercial Cinema, Language and Culture in South Asia (123790)

Richard Delacy

2019 Fall (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

This course examines concepts of personhood, community and culture in South Asia as expressed in contemporary film and literature. Works in Hindi-Urdu and in translation will be examined with emphasis on language as an index of cultural difference and of broad social shifts, notably the transformation of audiences from citizens to culture-consumers. Knowledge of Hindi-Urdu is not required. However, there will be a section for students with intermediate proficiency utilizing language materials.

Course Notes: **Students who enroll in the language section of this course may count it towards a citation in Hindi-Urdu.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Hindi-Urdu 300

Reading and Research (111273)

Ali Asani

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll

Hindi-Urdu 300

Reading and Research (111273)

Ali Asani

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Subject: Sanskrit

Sanskrit 91R

Supervised Reading and Research (116311)

Parimal Patil

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised reading of texts in Sanskrit not covered by regular courses of instruction.

Course Notes: **Offered at the discretion of the individual instructors. Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Sanskrit 91R

Supervised Reading and Research (116311)

Parimal Patil

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised reading of texts in Sanskrit not covered by regular courses of instruction.

Course Notes: **Offered at the discretion of the individual instructors. Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Sanskrit 91R Section: 002

Supervised Reading and Research (116311)

Nell Hawley

2020 Spring (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised reading of texts in Sanskrit not covered by regular courses of instruction.

Course Notes: **Offered at the discretion of the individual instructors. Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Sanskrit 91R Section: 002

Supervised Reading and Research (116311)

Nell Hawley

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised reading of texts in Sanskrit not covered by regular courses of instruction.

Course Notes: **Offered at the discretion of the individual instructors. Not open to auditors.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

Sanskrit 101A

Elementary Sanskrit (123045)

Nell Hawley

2019 Fall (4 Credits) **Schedule:** MF 1200 PM - 0115 PM
W 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Students learn fundamental skills in Classical Sanskrit, the language that was, for many hundreds of years, the most prestigious and broadly-deployed medium of intellectual and literary expression across South Asia. In the first year of study, students develop capabilities in analytical reading (and, secondarily, in writing, speaking, and listening) that will enable them to interpret Sanskrit texts on a foundational level. Participation in this course lays a solid groundwork for students to engage with Sanskrit texts in a wide array of styles and genres-—poetry, narrative, philosophy, scripture-—as their studies progress. Please note that the "Related Section" for this course will be a weekly (optional) review session.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
FAS: Meets Foreign Lang Req	Sanskrit

Sanskrit 101B

Elementary Sanskrit (119882)

Nell Hawley

2020 Spring (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Sanskrit 101A.

Students learn fundamental skills in Classical Sanskrit, the language that was, for many hundreds of years, the most prestigious and broadly-deployed medium of intellectual and literary expression across South Asia. In the first year of study, students develop capabilities in analytical reading (and, secondarily, in writing, speaking, and listening) that will enable them to interpret Sanskrit texts on a foundational level. Participation in this course lays a solid groundwork for students to engage with Sanskrit texts in a wide array of styles and genres-—poetry, narrative, philosophy, scripture-—as their studies progress. Please note that the "Related Section" for this course will be a weekly (optional) review session.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Meets Foreign Lang Req	Sanskrit

Sanskrit 102AR

Intermediate Sanskrit I (114270)

Nell Hawley

2019 Fall (4 Credits) **Schedule:** MWF 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

The intermediate-level Sanskrit course enables students to interpret Sanskrit texts in several major categories: epic, poetry, and commentary. Students expand and strengthen the skills in reading comprehension, grammatical analysis, and vocabulary retention that they developed during the first year of study. Students will be able to dissect and describe nominal compounds, verbal forms, poetic meters, and morphological and syntactical features of Sanskrit words, sentences, and verses in greater detail. As a whole, the course prepares students to participate in Sanskrit language and reading courses at the advanced level.

Students achieve these objectives through focused study of three different texts. In the fall, students read a story from one of the two great Sanskrit epics, the *Mah*ā*bh*ā*rata* or the *R*ā*m*ā*ya*□*a*. In the first half of the spring term, students study a work of poetry (*k*ā*vya*) that portrays the same story. In the second half of the spring term, students read select portions of a Sanskrit commentary on that *k*ā*vya* composition. Please note that the "Related Section" for this course will be a weekly (optional) review session.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Sanskrit
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
HCOL: Foreign Lang Citation	Sanskrit

Sanskrit 102BR

Intermediate Sanskrit II (114395)

Nell Hawley

2020 Spring (4 Credits) **Schedule:** MWF 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Continuation of Sanskrit 102BR.

The intermediate-level Sanskrit course enables students to interpret Sanskrit texts in several major categories: epic, poetry, and commentary. Students expand and strengthen the skills in reading comprehension, grammatical analysis, and vocabulary retention that they developed during the first year of study. Students will be able to dissect and describe nominal compounds, verbal forms, poetic meters, and morphological and syntactical features of Sanskrit words, sentences, and verses in greater detail. As a whole, the course prepares students to participate in Sanskrit language and reading courses at the advanced level.

Students achieve these objectives through focused study of three different texts. In the fall, students read a story from one of the two great Sanskrit epics, the *Mahābhārata* or the *Rāmāya□a*. In the first half of the spring term, students study a work of poetry (*kāvya*) that portrays the same story. In the second half of the spring term, students read select portions of a Sanskrit commentary on that *kāvya* composition. Please note that the "Related Section" for this course will be a weekly (optional) review session.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Sanskrit
FAS Divisional Distribution	None
HCOL: Foreign Lang Citation	Sanskrit
FAS Course Roll	FAS Course Roll

Sanskrit 201AR

Advanced Philosophical Sanskrit (117524)

Parimal Patil

2019 Fall (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An advanced Sanskrit reading course focusing on the development of skills in either classical belles lettres (kāvya) or scholastic, commentarial prose (śāstra). In the former, emphasis is on the ability to re-arrange complex poetic forms into digestible prose word order. In the latter, students learn both the stylistic conventions of scholastic Sanskrit and the technical vocabulary of the relevant intellectual discipline.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Sanskrit
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll

Sanskrit 201BR

Advanced Philosophical Sanskrit (121484)

Nell Hawley

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An advanced Sanskrit reading course focusing on the development of skills in either classical belles lettres (kāvya) or scholastic, commentarial prose (śāstra). In the former, emphasis is on the ability to re-arrange complex poetic forms into digestible prose word order. In the latter, students learn both the stylistic conventions of scholastic Sanskrit and the technical vocabulary of the relevant intellectual discipline.

Sanskrit 201BR is a continuation of Sanskrit 201AR

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS: Meets Foreign Lang Req	Sanskrit
FAS Divisional Distribution	Arts and Humanities

Sanskrit 250R

Nth Year Sanskrit: Seminar (109233)

Parimal Patil

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An advanced course for students who have completed at least four years of formal Sanskrit instruction. Texts and topics will vary from year to year.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Sanskrit 250R

Nth Year Sanskrit: Seminar (109233)

Parimal Patil

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An advanced course for students who have completed at least four years of formal Sanskrit instruction. Texts and topics will vary from year to year.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Graduate Students

Sanskrit 301

Reading and Research (111291)

Parimal Patil

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Sanskrit 301

Reading and Research (111291)

Parimal Patil

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Sanskrit 301 Section: 002

Reading and Research (111291)

Michael Witzel

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Sanskrit 301 Section: 002

Reading and Research (111291)

Michael Witzel

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Sanskrit 310

Direction of Doctoral Dissertations (113870)

Parimal Patil

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Sanskrit 310

Direction of Doctoral Dissertations (113870)

Parimal Patil

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Sanskrit 310 Section: 002

Direction of Doctoral Dissertations (113870)

Michael Witzel

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Sanskrit 310 Section: 002

Direction of Doctoral Dissertations (113870)

Michael Witzel

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Subject: Thai

Thai 101A

Introductory Thai I (107892)

Richard Delacy

2019 Fall (4 Credits) **Schedule:** MW 0600 PM - 0715 PM

Instructor Permissions: Department **Enrollment Cap:** n/a

This course introduces the basic grammatical structures of modern Thai, enabling students to read and produce simple, standard prose as well as engage in basic conversation by the end of the first year. Thai is taught with a concern for the cultural context in which this language is spoken and written.

Course Notes: **Not open to auditors.**

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

First Meeting times will be posted on the Department of South Asian Studies' website in shortly before the term begins: sas.fas.harvard.edu

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Thai

Thai 101B

Introductory Thai II (107893)

Richard Delacy

2020 Spring (4 Credits) **Schedule:** W 0600 PM - 0715 PM

Instructor Permissions: Department **Enrollment Cap:** n/a

Continuation of Thai 101a.

Course Notes: **Not open to auditors.**

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

First Meeting times will be posted on the Department of South Asian Studies' website in shortly before the term begins: sas.fas.harvard.edu

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Meets Foreign Lang Req	Thai
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Thai 102A

Intermediate Thai I (124031)

Richard Delacy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Department **Enrollment Cap:** n/a

A two-term continuation of the study of Thai at the intermediate level. Students build on acquired proficiency at the elementary level (or its equivalent) towards achieving more fluency in reading, speaking, writing, and listening comprehension of standard Thai, as well as in cultural-social skills. Introduces new vocabulary and grammar through communicative tasks and text readings, mainly using the situational-communicative methodology.

Course Notes: **Not open to auditors.**

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

First Meeting times will be posted on the Department of South Asian Studies' website in shortly before the term begins: sas.fas.harvard.edu

Requirements: **Prerequisite: Tibetan 101a AND Tibetan 101b**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Meets Foreign Lang Req	Thai
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Thai

Thai 102B

Intermediate Thai II (113391)

Richard Delacy

2020 Spring (4 Credits) **Schedule:** M 0600 PM - 0715 PM

Instructor Permissions: Department **Enrollment Cap:** n/a

Continuation of Thai 102a

Course Notes: **Not open to auditors; cannot be taken Pass/Fail.**

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

First Meeting times will be posted on the Department of South Asian Studies' website in shortly before the term begins: sas.fas.harvard.edu

Requirements: **Prerequisite: Thai 102a**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Thai
FAS Course Roll	FAS Course Roll
FAS: Meets Foreign Lang Req	Thai

Thai 103AR

Readings in Thai I (121497)

Richard Delacy

2019 Fall (4 Credits) **Schedule:** MW 0730 PM - 0845 PM

Instructor Permissions: Department **Enrollment Cap:** n/a

This course is designed to focus on reading and comprehension. Selected readings will be both for academic purposes and for pleasure. Students will read newspaper and magazine articles; short stories; and passages covering topics such as history, science, politics, medicine, technology and more. This reading course will help students become more proficient with nuanced/implied meanings, bolster vocabulary and acquire familiarity with various professional jargon.

Course Notes: **Not open to auditors.**

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

First Meeting times will be posted on the Department of South Asian Studies' website in shortly before the term begins: sas.fas.harvard.edu

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
HCOL: Foreign Lang Citation	Thai
FAS: Meets Foreign Lang Req	Thai
FAS Course Roll	FAS Course Roll

Thai 103BR

Readings in Thai II (121498)

Richard Delacy

2020 Spring (4 Credits) **Schedule:** MW 0730 PM - 0845 PM

Instructor Permissions: Department **Enrollment Cap:** n/a

Continuation of Thai 103ar.

Course Notes: **Not open to auditors.**

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

First Meeting times will be posted on the Department of South Asian Studies' website in shortly before the term begins: sas.fas.harvard.edu

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Meets Foreign Lang Req	Thai
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
HCOL: Foreign Lang Citation	Thai

Thai 300

Reading and Research (115774)

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Thai 300

Reading and Research (115774)

Jay Jasanoff

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Subject: Indo-Persian

Indo-Persian 101

Readings in Indo-Persian Literature I (207944)

Hajnalka Kovacs

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The course introduces students to Persian literature composed in the Indian Subcontinent from the 11th through the 20th century. We will combine close reading of texts in the original Persian with a discussion of grammar and prosody as well as secondary readings in English. Texts include excerpts from chronicles, discourses and letters of Sufis, hagiographies, biographical dictionaries, travelogues, collections of tales, as well as epic, lyric, and panegyric poetry.

Recommended Prep: **Two years of Persian or equivalent; one year experience with Classical Persian preferred.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students

Special Concentrations

Subject: Special Concentrations

Special Concentrations 91R

Supervised Reading and Research (111972)

Elisabeth Laskin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Open to Special Concentrations concentrators who wish to pursue supervised study for graded credit in an area not covered by courses currently offered by regular Departments and Committees. Students must secure the written approval of the faculty member with whom they wish to study as well as the signature of the Faculty Adviser and the Director of Studies of Special Concentrations.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Special Concentrations 91R

Supervised Reading and Research (111972)

Elisabeth Laskin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Open to Special Concentrations concentrators who wish to pursue supervised study for graded credit in an area not covered by courses currently offered by regular Departments and Committees. Students must secure the written approval of the faculty member with whom they wish to study as well as the signature of the Faculty Adviser and the Director of Studies of Special Concentrations.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Special Concentrations 96R

Senior Projects (123332)

Elisabeth Laskin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Designed for seniors in their final term completing their senior project to meet the Basic (rather than Honors) requirements for concentration. May be repeated with the permission of the Director of Studies and the Faculty Adviser. Students must secure the written approval of the faculty member with whom they wish to study as well as the approval of the Faculty Adviser and the Director of Studies of Special Concentrations.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration

Special Concentrations 96R

Senior Projects (123332)

Elisabeth Laskin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Designed for seniors in their final term completing their senior project to meet the Basic (rather than Honors) requirements for concentration. May be repeated with the permission of the Director of Studies and the Faculty Adviser. Students must secure the written approval of the faculty member with whom they wish to study as well as the approval of the Faculty Adviser and the Director of Studies of Special Concentrations.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Special Concentrations 97R

Tutorial - Sophomore Year (111843)

Elisabeth Laskin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Individual tutorial arranged by the student in consultation with the Faculty Adviser and tutor.

Course Notes: **Ordinarily taken by honors sophomores.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Special Concentrations 97R

Tutorial - Sophomore Year (111843)

Elisabeth Laskin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Individual tutorial arranged by the student in consultation with the Faculty Adviser and tutor.

Course Notes: **Ordinarily taken by honors sophomores.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Special Concentrations 98R

Tutorial - Junior Year (111705)

Elisabeth Laskin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Successful completion of two terms of Special Concentrations 98r are ordinarily required of all honors concentrators in their junior year. Exceptions to this can only be granted with the consent of the Faculty Adviser and the Director of Studies of Special Concentrations.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	None

Special Concentrations 98R

Tutorial - Junior Year (111705)

Elisabeth Laskin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Successful completion of two terms of Special Concentrations 98r are ordinarily required of all honors concentrators in their junior year. Exceptions to this can only be granted with the consent of the Faculty Adviser and the Director of Studies of Special Concentrations.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

FAS: Course Level	Primarily for Undergraduate Students

Special Concentrations 99A

Tutorial - Senior Year (112856)

Elisabeth Laskin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Ordinarily taken by honors seniors as a full course series. With the consent of the Faculty Adviser and the Director of Studies of Special Concentrations, students may enroll in either 99A or 99B alone.

Course Notes: **Part one of a two-part series.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
Full Year Course	Divisible Course
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration

Special Concentrations 99B

Tutorial - Senior Year (159856)

Elisabeth Laskin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Ordinarily taken with 99A by honors seniors as a course series. With the consent of the Faculty Adviser and the Director of Studies of Special Concentrations, students may enroll in either 99A or 99B alone.

Course Notes: **Part two of a two-part series.**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Primarily for Undergraduate Students

Statistics

Subject: Statistics

Statistics 10

Elements of Data Science (213330)

Joseph Blitzstein

Xiao-Li Meng

Hanspeter Pfister

Liberty Vittert

2020 Spring (4 Credits) **Schedule:** MWF 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 100

Data science combines data, statistical analysis, and computation to gain insights and make useful inferences and predictions. This course will take a holistic approach to helping students understand the key factors involved, from data collection and exploratory data analysis to modeling, evaluation, and communication of results. Working on case studies and a final project in teams will provide students with hands-on experience with the data science process using state-of-the-art tools. Emphasis will be given to the strengths, trade-offs, and limitations of each method to highlight the importance of merging analytical skills with critical quantitative thinking.

Class Notes: **Also offered as COMPSCI 10. Students may not take both for credit.**

Please note that the enrollment cap of 100 is a combined total for both STAT 10 and COMPSCI 10.

If you are interested in joining this course please fill out this form [https://forms.gle/CWG6j4qsiFb6gDRt5] by Wednesday, January 29, 11: 59 pm EST. We will notify you on Friday, January 31.

Requirements: **Anti-requisite: Cannot be taken for credit if AC 209A or CS 109A or CS 10 or STAT 121A is already complete.**

Additional Course Attributes:

Attribute	Value(s)
Quantitative Reasoning with Data	Yes
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Statistics 91R

Supervised Reading and Research (119002)

Michael Parzen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Supervised reading and research in an area of statistics agreed upon by the student and a faculty adviser.

Course Notes: **Normally may not be taken more than twice; may be counted once for concentration credit in Statistics, as a related course; may be taken in either term; for further information, consult Co-Directors of Undergraduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Statistics 91R

Supervised Reading and Research (119002)

Michael Parzen

Kevin A. Rader

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised reading and research in an area of statistics agreed upon by the student and a faculty adviser.

Course Notes: **Normally may not be taken more than twice; may be counted once for concentration credit in Statistics, as a related course; may be taken in either term; for further information, consult Co-Directors of Undergraduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Statistics 98

Tutorial - Junior Year (127768)

Kevin A. Rader

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to reading, writing, presenting, and research in statistics. Students will learn to formulate and approach a research question, critically review papers that make use of statistics, and clearly communicate statistical ideas and arguments orally and in writing. Limited to junior concentrators in statistics.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Statistics 99R

Tutorial - Senior Year (159964)

Joseph Blitzstein

Alex Young

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Supervised research for the senior thesis, under the mentorship of a Harvard faculty member.

Course Notes: **May not be taken more than twice; may be counted once for concentration credit in Statistics, as a related course. For further information, consult Co-Directors of Undergraduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Statistics 99R

Tutorial - Senior Year (159964)

Joseph Blitzstein

Alex Young

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Supervised research for the senior thesis, under the mentorship of a Harvard faculty member.

Course Notes: **May not be taken more than twice; may be counted once for concentration credit in Statistics, as a related course. For further information, consult Co-Directors of Undergraduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science

Statistics 102

Introduction to Statistics for Life Sciences (110094)

Kevin A. Rader

2020 Spring (4 Credits) **Schedule:** MWF 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduces the basic concepts of probability, statistics and statistical computing used in medical and biological research. The emphasis is on data analysis and visualization instead of theory. Designed for students who intend to concentrate in a discipline from the life sciences.

Course Notes: **Only one of the following courses may be taken for credit: Statistics 100, 101, 102, 104.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
Quantitative Reasoning with Data	Yes

Statistics 104

Introduction to Quantitative Methods for Economics (114027)

Michael Parzen

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

A rigorous introduction to statistics for students intending to study economics. Examples drawn from finance, decision analysis and economic decision-making. In addition to descriptive statistics, probability, inference and regression modeling, also covers portfolio optimization, decision analysis, and time series analysis. Students with prior exposure to introductory statistics will find some overlap of material but be exposed to new applications and learn more advanced modeling techniques.

Course Notes: **Only one of the following courses may be taken for credit: Statistics 100, 101, 102, 104.**

Requirements: **Anti-Req: may not be taken for credit if STAT 109 or STAT 139 already complete.**

Additional Course Attributes:

Attribute	Value(s)
Quantitative Reasoning with Data	Yes
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Statistics 104

Introduction to Quantitative Methods for Economics (114027)

Michael Parzen

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

A rigorous introduction to statistics for students intending to study economics. Examples drawn from finance, decision analysis and economic decision-making. In addition to descriptive statistics, probability, inference and regression modeling, also covers portfolio optimization, decision analysis, and time series analysis. Students with prior exposure to introductory statistics will find some overlap of material but be exposed to new applications and learn more advanced modeling techniques.

Course Notes: **Only one of the following courses may be taken for credit: Statistics 100, 101, 102, 104.**

Requirements: **Anti-Req: may not be taken for credit if STAT 109 or STAT 139 already complete.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
Quantitative Reasoning with Data	Yes

Statistics 109

Intro to Statistical Modelling (205028)

Michael Parzen

2020 Spring (4 Credits) **Schedule:** MWF 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Stat 109 is a second course in statistical inference and is a further examination of statistics and data analysis beyond the introductory course. Topics include t-tools and permutation-based alternatives including bootstrapping, multiple-group comparisons, analysis of variance, linear regression, model checking and refinement. Statistical computing and simulation based emphasis will also be covered as well as basic programming in the R statistical package. Emphasis is made on thinking statistically, evaluating assumptions, and developing tools for real-life applications.

Course Notes: **Note that Stat 109 cannot be taken for credit if Stat 139 has already been taken.**

Requirements: **Anti-req: Cannot be taken for credit if STAT 139 already complete**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
Quantitative Reasoning with Data	Yes
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Statistics 110

Introduction to Probability (110766)

Joseph Blitzstein

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A comprehensive introduction to probability. Basics: sample spaces and events, conditional probability, and Bayes' Theorem. Univariate distributions: density functions, expectation and variance, Normal, t, Binomial, Negative Binomial, Poisson, Beta, and Gamma distributions. Multivariate distributions: joint and conditional distributions, independence, transformations, and Multivariate Normal. Limit laws: law of large numbers, central limit theorem. Markov chains: transition probabilities, stationary distributions, convergence.

Class Notes: **This course meets on Mondays and Wednesdays from 1:30pm--2:45pm in Science Center Hall B.**

Recommended Prep: **Math 1b or equivalent or above**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Final Assessment Category	Three-hour Exam
FAS Course Roll	FAS Course Roll

Statistics 111

Introduction to Statistical Inference (111036)

Joseph Blitzstein

Neil Shephard

2020 Spring (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The course is designed for undergraduates as their first introduction to rigorous statistical inference. Understanding the foundations will allow you to see more deeply into individual methods and applications, placing them in context and able to learn new ones (and invent new ones!) much faster having understood broad principles of inference.

Recommended Prep: **Mathematics 19a and 19b or equivalent and Statistics 110.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
Quantitative Reasoning with Data	Yes
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Statistics 115

Introduction to Computational Biology and Bioinformatics (122304)

Xiaole (Shirley) Liu

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

The course will cover basic technology platforms, data analysis problems and algorithms in computational biology. Topics include sequence alignment and search, high throughput experiments for gene expression, transcription factor binding and epigenetic profiling, motif finding, RNA/protein structure prediction, proteomics and genome-wide association studies. Computational algorithms covered include hidden Markov model, Gibbs sampler, clustering and classification methods.

Recommended Prep: **Good quantitative skills, strong interest in biology, willingness and diligence to learn programming.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

Statistics 117

Data Analysis in Modern Biostatistics (203104)

Giovanni Parmigiani

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

An Introduction to applied biostatistics via case studies. The course is based on four practical problems, and methodology relevant for each. Students will apply the concepts from the methodology to the data analysis or modeling task, and carry out four mini projects, with ample opportunities for peer-to-peer discussion.

Course Notes: **There is a cap of 30 students for this course. Preference is given to Statistics concentrators; all other students wishing to take the course must send a request along with a list of statistics/computer science courses already completed to the professor at gp@jimmy.harvard.edu. Please put Stat 117 in the subject line of the email.**

Recommended Prep: **Prerequisites: Stat 110 and Stat 102/111/139. Recommended: 112**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	For Undergraduate and Graduate Students

Statistics 120

Introduction to Bayesian Inference and Applications (156425)

S. C. Samuel Kou

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Provides students a comprehensive understanding to the questions as of what is, how and why Bayesian. Introduction to classic Bayesian models, basic computational algorithms/methods for Bayesian inference, as well as their applications in various domain fields, and comparisons with classic Frequentist methods. As Bayesian inference finds its roots and merits particularly in application, this course puts great emphasis on enhancing students' hands-on skills in statistical computation (mostly with R) and data analysis.

Recommended Prep: **STAT110, STAT111 and basics of R programming are required.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Statistics 121A

Data Science 1: Introduction to Data Science (203101)

Pavlos Protopapas

Kevin A. Rader

Christopher Tanner

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Data Science 1 is the first half of a one-year introduction to data science. The course will focus on the analysis of messy, real life data to perform predictions using statistical and machine learning methods. Material covered will integrate the five key facets of an investigation using data: (1) data collection - data wrangling, cleaning, and sampling to get a suitable data set; (2) data management - accessing data quickly and reliably; (3) exploratory data analysis – generating hypotheses and building intuition; (4) prediction or statistical learning; and (5) communication – summarizing results through visualization, stories, and interpretable summaries. Part one of a two part series. The curriculum for this course builds throughout the academic year. Students are strongly encouraged to enroll in both the fall and spring course within the same academic year.

Course Notes: **Only one of CS 109a, AC 209a, or Stat 121a can be taken for credit. Students who have previously taken CS 109, AC 209, or Stat 121 cannot take CS 109a, AC 209a, or Stat 121a for credit.**

Recommended Prep: **Programming knowledge at the level of CS 50 or above, and statistics knowledge at the level of Stat 100 or above (Stat 110 recommended).**

Requirements: **Not to be taken in addition to Computer Science 109 or Computer Science 109A, or Applied Computation 209, or Applied Computation 209A.**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course

FAS Divisional Distribution	Science & Engineering & Applied Science
Quantitative Reasoning with Data	Yes
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Statistics 121B

Data Science 2: Advanced Topics in Data Science (203102)

Pavlos Protopapas

Mark Glickman

Christopher Tanner

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Data Science 2 is the second half of a one-year introduction to data science. Building upon the material in Data Science 1, the course introduces advanced methods for data wrangling, data visualization, and statistical modeling and prediction. Topics include big data and database management, interactive visualizations, nonlinear statistical models, and deep learning. Part two of a two part series. The curriculum for this course builds throughout the academic year. Students are strongly encouraged to enroll in both the fall and spring course within the same academic year.

Course Notes: **Can only be taken after successful completion of CS 109a, AC 209a, Stat 121a, or equivalent. Students who have previously taken CS 109, AC 209, or Stat 121 cannot take CS 109b, AC 209b, or Stat 121b for credit.**

Recommended Prep: **: CS 109a, AC 209a, or Stat 121a required.**

Requirements: **Requisite: (Must take CS 109A OR APCOMP 209A OR STAT 121A before taking STAT 121B) AND (Cannot take STAT 121B, if already taken STAT 121 OR CS 109 OR CS 109B OR APCOMP 209 OR APCOMP 209B)**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
FAS: Course Level	For Undergraduate and Graduate Students
Quantitative Reasoning with Data	Yes
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Statistics 131

Time Series & Prediction (117131)

Natesh Pillai

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Introduction to time series models and forecasting. Introduction to classical time series model:

autoregressive, moving average, ARIMA models. Some concepts from stochastic processes: martingales, stationarity, Gaussian processes, Brownian motions, ergodic theorems. Some aspects of advanced time series: hidden Markov models, state space models, filtering, smoothing, Kalman filters, sequential Monte Carlo methods.

Recommended Prep: **Statistics 111 and 139 or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science
Quantitative Reasoning with Data	Yes
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Statistics 139

Linear Models (110751)

Kevin A. Rader

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

An in-depth introduction to statistical methods with linear models and related methods. Topics include group comparisons (t-based methods, non-parametric methods, bootstrapping, analysis of variance), linear regression models and their extensions (ordinary least squares, ridge, LASSO, weighted least squares, multi-level models), model checking and refinement, model selection, cross-validation. The probabilistic basis of all methods will be emphasized.

Class Notes: **This Course has a Friday Lab.**

Recommended Prep: **Statistics 110 and Math 21a and 21b or equivalent**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
Quantitative Reasoning with Data	Yes

Statistics 140

Design of Experiments (116364)

Marie-Abele Bind

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Statistical designs for efficient experimentation in the physical, life, social and management sciences and in engineering. A systematic approach to explore input-output relationships by deliberately manipulating

input variables. Topics include completely randomized and randomized block designs, inferential adjustments for mulltiplicity of estimands, balanced incomplete block designs, factorial designs, confounding in blocks, fractional replications, and re-randomization. Each topic motivated by real-life examples.

Recommended Prep: **Statistics 111 or 139.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Statistics 149

Generalized Linear Models (118974)

Mark Glickman

2020 Spring (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Sequel to Statistics 139, emphasizing common methods for analyzing continuous non-normal and categorical data. Topics include logistic regression, log-linear models, multinomial logit models, proportional odds models for ordinal data, Gamma and inverse-Gaussian models, over-dispersion, analysis of deviance, model selection and criticism, model diagnostics, and an introduction to non-parametric regression methods.

Course Notes: **Examples will be drawn from several fields, particularly from biology and social sciences.**

Recommended Prep: **Statistics 139 or with permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
Quantitative Reasoning with Data	Yes
FAS Course Roll	FAS Course Roll

Statistics 151

Multilevel and Longitudinal Models (160736)

Luke Miratrix

2019 Fall (4 Credits) **Schedule:** TR 0200 PM - 0330 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Data often have structure that needs to be modeled explicitly. For example, when investigating students' outcomes we need to account for the fact that students are nested inside classes that are in turn nested inside schools. If we are watching students develop over time, we need to account for the dependence of

measurements across time. If we do not, our inferences will tend to be overly optimistic and wrong. The course provides an overall framework, the multilevel and generalized multilevel (hierarchical) model, for thinking about and analyzing these forms of data. We will focus on specific versions of these tools for the most common forms of longitudinal and clustered data. This course will focus on applied work, using real data sets and the statistical software R. R will be specifically taught and supported. While the primary focus will be on the linear model with continuous outcomes (i.e., the classic regression framework) we will also discuss binary, categorical, and ordinal outcomes. We will emphasize how to think about the applicability of these methods, how they might fail, and what one might do to protect oneself in such circumstances. Applications of hierarchical (multi-level) models will include the canonical specific cases of random-slope, random-intercept, mixed effect, crossed effect, marginal, and growth-curve models.

Recommended Prep: **Permission of instructor required. Prerequisite: S-052, Stat 139, or an equivalent. Jointly-offered in the Graduate School of Education.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
Quantitative Reasoning with Data	Yes
FAS Course Roll	FAS Course Roll

Statistics 160

Design and Analysis of Sample Surveys (112121)

Alan Zaslavsky

2019 Fall (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Methods for design and analysis of sample surveys. The toolkit of sample design features and their use in optimal design strategies. Sampling weights and variance estimation methods, including resampling methods. Brief overview of nonstatistical aspects of survey methodology such as survey administration and questionnaire design and validation (quantitative and qualitative). Additional topics: calibration estimators, variance estimation for complex surveys and estimators, nonresponse, missing data, hierarchical models, and small-area estimation.

Course Notes: **The regular classroom hours of Stat 160 are 2:30 - 4:00. The extra hour is for extra discussion for 260.**

Class Notes: **Fall 2019 First Meeting Location:**
Science Center Hall D from 3:00 PM - 4:15 PM:
- Tuesday, September 3, 2019

Recommended Prep: **Statistics 111 or 139 or with permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
Quantitative Reasoning with Data	Yes
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

Statistics 161

Introduction to Nonparametric Methods (212953)

Zheng Ke

2019 Fall (4 Credits) **Schedule:** TR 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

This is an advanced undergraduate course in modern nonparametric methods for statistical estimation and inference. Nonparametric inference is about statistical methods and models that make weak assumptions. A typical nonparametric approach estimates a nonlinear function from an infinite dimensional space, rather than a linear model from a finite dimensional space. This course gives an introduction to nonparametric statistics, with a focus on density estimation, regression, bootstrap, confidence sets, orthogonal functions, and kernels. The course treats nonparametric methodology and its use, together with theory that explains the statistical properties of the methods.

Recommended Prep: **STAT 110, STAT 111, STAT 139.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science

Statistics 171

Introduction to Stochastic Processes (113721)

Alex Young

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An introductory course in stochastic processes. Topics include Markov chains, branching processes, Poisson processes, birth and death processes, Brownian motion, martingales, introduction to stochastic integrals, and their applications.

Recommended Prep: **Statistics 110 and Mathematics 21a and 21b, or equivalent**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Statistics 185

Introduction to Dimension Reduction (213478)

Alex Young

2019 Fall (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

An introductory course in dimension reduction. Topics include principal component analysis, nonnegative matrix factorization, clustering and their applications with an emphasis on unsupervised learning, high-dimensional geometry, and insights provided by linear algebra.

Requirements: **Prerequisite: STAT 110 AND MATH 21A AND MATH 21B**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Statistics 186

Causal Inference (110022)

Kosuke Imai

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Substantive questions in empirical scientific and policy research are often causal. Does voter outreach increase turnout? Are job training programs effective? Can a universal health insurance program improve people's health? This class will introduce students to both statistical theory and practice of causal inference. As theoretical frameworks, we will discuss potential outcomes, causal graphs, randomization and model-based inference, sensitivity analysis, and partial identification. We will also cover various methodological tools including randomized experiments, regression discontinuity designs, matching, regression, instrumental variables, difference-in-differences, and dynamic causal models. The course will draw upon examples from political science, economics, education, public health, and other disciplines.

Recommended Prep: **Probability, Statistical theory, Linear models**

Requirements: **Prerequisite: STAT 110 AND STAT 111 AND STAT 139 or Gov 2000 AND Gov 2001**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
Quantitative Reasoning with Data	Yes

Statistics 195

Statistical Machine Learning (207703)

Lucas Janson

2019 Fall (4 Credits) **Schedule:** MW 0430 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course is designed to follow CS 181 and will cover various machine learning methods with a focus on their statistical properties. Methods include linear methods for regression and classification, splines, and kernel smoothing, additive models, trees, boosting, bagging, and random forests. Statistical properties covered include generalization error, degrees of freedom, shrinkage, smoothing, and model selection. The course will be interspersed with an ongoing prediction project that will give students hands-on experience applying the concepts learned in class. If time allows, we will introduce some emerging statistical topics at the cutting edge of machine learning such as algorithmic fairness, differentially-private machine learning, and transfer learning.

Course Notes: **Textbook Information: Elements of Statistical Learning by Hastie, Tibshirani, and Friedman is a required text and is available for free at https://web.stanford. edu/~hastie/ElemStatLearn/printings/ESLII_print12.pdf**

Recommended Prep: **Statistics 111 and Computer Science 181**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Undergraduate Students
Quantitative Reasoning with Data	Yes

Statistics 210

Probability I (111696)

Joseph Blitzstein

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Random variables, measure theory, reasoning by representation. Families of distributions: Multivariate Normal, conjugate, marginals, mixtures. Conditional distributions and expectation. Convergence, laws of large numbers, central limit theorems, and martingales.

Course Notes: **Formerly Stat 210a**

Recommended Prep: **Statistics 110 or equivalent required**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam

Statistics 211

Statistical Inference I (111130)

Lucas Janson

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Foundations of frequentist and Bayesian inference, and decision theory. Likelihood, sufficiency, and ancillarity. Point estimation, unbiasedness, maximum likelihood, method of moments, minimum-variance. Parametric and non-parametric hypothesis testing, confidence intervals. Selective inference: multiple testing, familywise error rate, false discovery rate. Bayesian inference, conjugate priors, credible intervals. Admissibility, Stein's phenomenon, empirical Bayes. Time permitting: post-selection inference and the bootstrap.

Course Notes: **Formerly Stat 211a.**

Recommended Prep: **Statistics 111 and 210 or equivalent.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Statistics 212

Probability 2 (156452)

Subhabrata Sen

2020 Spring (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

A second graduate course in Probability: Advanced Martingales, Exchangeability and de-Finetti's Theorem, Brownian motion: construction, properties, path regularity, Strong Markov property, Ito formula, Dirichlet problem and Feynman-Kac representation. Donsker invariance. General theory for stochastic processes (existence, continuous modifications). Concentration of measure (if time permits).

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam

Statistics 213

Statistical Inference 2 (159802)

Natesh Pillai

2020 Spring (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Stat 213 will build upon Stat 211 and give some tools to study and validate statistical methods (asymptotic statistics, well-specified and mis-specified models, model comparison, cross-validation, bootstrap). These concepts will be discussed in the context of advanced statistical models: non-parametric regression, regularized regression, latent variable and hidden Markov models. Numerical methods required to put such

models into practice will be discussed.

Recommended Prep: **Stat 210, 211, 212 (Stat 210b)**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science

Statistics 215

Introduction to Computational Biology and Bioinformatics (126060)

Xiaole (Shirley) Liu

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Meets with Statistics 115, but graduate students are required to do more coding, complete a research project and submit a written report during reading period in addition to completing all work assigned for Statistics 115.

Recommended Prep: **Good quantitative skills, strong interest in biology, good programming skills in C/C++, Java, Perl or Python.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Final Assessment Category	Three-hour Exam
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science

Statistics 220

Bayesian Data Analysis (118016)

Jun Liu

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Basic Bayesian models, followed by more complicated hierarchical and mixture models with nonstandard solutions. Includes methods for monitoring adequacy of models and examining sensitivity of models.

Course Notes: **Emphasis throughout term on drawing inferences via computer simulation rather than mathematical analysis.**

Recommended Prep: **Statistics 110 and 111.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Statistics 221

Monte Carlo Methods & other computational tools for statistical learning (115077)

Jun Liu

2019 Fall (4 Credits) **Schedule:** TR 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Computational methods commonly used in statistics: random number generation, optimization methods, numerical integration, Monte Carlo methods including Metropolis-Hastings and Gibbs samplers, approximate inference techniques including Expectation-Maximization algorithms, Laplace approximation and variational methods, data augmentation strategies, data augmentation strategies.

Course Notes: **Computer programming exercises will apply the methods discussed in class.**

Recommended Prep: **Linear algebra, Statistics 111, and knowledge of a computer programming language (R or Matlab) required; Statistics 220 recommended.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

Statistics 230

Multivariate Statistical Analysis (119940)

S. C. Samuel Kou

2019 Fall (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Multivariate inference and data analysis. Advanced matrix theory and distributions, including Multivariate Normal, Wishart, and multilevel models. Supervised learning: multivariate regression, classification, and discriminant analysis. Unsupervised learning: dimension reduction, principal components, clustering, and factor analysis.

Recommended Prep: **Statistics 110 and 111.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students

Statistics 236

Modern Statistical Learning (211175)

Zheng Ke

2020 Spring (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

High dimensional data analysis is a recent interdisciplinary research area of Statistics, Genetics and Genomics, Engineering, and several other scientific areas. It addresses an array of challenging problems that of contemporary interest, and research in this area has been very active in the past decade.

This course aims to provide a systematic introduction to various topics in high dimensional data analysis, focusing on large-scale sparse learning, and network and text data analysis. Large-scale sparse learning: Sparsity is a universal phenomenon in modern high dimensional data. Sparse structures are observed in many application settings and have many different forms, such as parameter sparsity, graph sparsity, eigenvalue sparsity, and so on. Exploring sparsity has become a common strategy in data analysis and has largely reshaped classical multivariate statistics problems. This course will investigate classical problems such as multiple testing, linear regression, classification and clustering, under the modern sparse settings. For each problem, the course discusses recent statistical methods for taking advantage of sparsity, and introduces the
theoretical framework for analyzing these methods.

Network and text data analysis: Social networks and text documents are unconventional data types. This course introduces statistical models and methods for analyzing such type of data. Topics for network data analysis include community detection, mixed membership estimation, link prediction, and dynamic network modeling. Topics for text data analysis include topic modeling, word embedding, information retrieval, and sentiment analysis.

Recommended Prep: **This course is mainly designed for graduate students in Statistics. The prerequisites are Statistical Inference 1&2 (students can take the prerequisites simultaneously with this course). Graduate students from other departments (CS, Biostatistics, Economics, etc.) can also take this course, if they have taken statistics-related courses which have a significant amount of content in mathematical statistics. Undergraduate students please consult the instructor before enrolling.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

Statistics 244

Linear and Generalized Linear Models (127856)

Mark Glickman

2019 Fall (4 Credits) **Schedule:** MW 0900 AM - 1015 AM

Instructor Permissions: None **Enrollment Cap:** n/a

The theory and application of linear and generalized linear models, including linear models for normal

responses, logistic models for binary and multinomial data, log-linear models for count data, overdispersion and quasi-likelihood methods, random effects models, model selection, and computational issues.

Recommended Prep: **Strong statistics background required (at the second-year graduate level), Statistics 210 may be taken concurrently, Statistics 211 desirable.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS Course Roll	FAS Course Roll

Statistics 250

Graduate Seminar on Designing the Elements of Data Science Course (213426)

Joseph Blitzstein

Hanspeter Pfister

Xiao-Li Meng

Liberty Vittert

Allen Downey

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0530 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Data science combines data, statistical thinking, and computation to gain insights and make inferences and predictions. This seminar will focus on designing a new introductory data science course that takes a holistic approach to the data science process, helping students understand the key factors involved, from data collection and exploratory data analysis to modeling, evaluation, and communication of results. Participants in the seminar will also learn data science concepts through developing and evaluating data science case studies.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Statistics 260

Design and Analysis of Sample Surveys (126393)

Alan Zaslavsky

2019 Fall (4 Credits) **Schedule:** TR 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Meets with Statistics 160, but graduate students will have an extended class period and complete additional

assignments for a more theoretical, in-depth treatment of topics.

Course Notes: **The regular classroom hours of Stat 160 are 2:30 - 4:00. The extra hour is for extra discussion for 260.**

Recommended Prep: **Statistics 110, 111, and 139 or with permission of instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

Statistics 293

Design of Experimental and Non-experimental Studies (214600)

Jose Zubizarreta

2020 Spring (4 Credits) **Schedule:** F 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This is a seminar course on causal inference. We will discuss mostly new and old papers on the design and analysis of experimental and non-experimental (observational) studies. Leading scholars in the field will visit us and present their work. This course is geared towards methodological research in causal inference.

Recommended Prep: **Stat 211 or equivalent**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Statistics 300HFRA

Research in Statistics (110392)

Natesh Pillai

Neil Shephard

2019 Fall (2 Credits) **Schedule:** R 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Participants discuss recent research in statistics and present their own work in progress. Open to doctoral students in statistics. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
Full Year Course	Indivisible Course

Statistics 300HFRB

Research in Statistics (160669)

Natesh Pillai

Neil Shephard

2020 Spring (2 Credits) **Schedule:** R 1200 PM - 0100 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Participants discuss recent research in statistics and present their own work in progress. Open to doctoral students in statistics. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
Full Year Course	Indivisible Course

Statistics 301 Section: 002

Special Reading and Research (113943)

Joseph Blitzstein

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
No FAINFO	300 or 3000 level class, do not generate FAINFO

Statistics 301 Section: 002

Special Reading and Research (113943)

Joseph Blitzstein

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Statistics 301 Section: 003

Special Reading and Research (113943)

Stephen Blyth

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Statistics 301 Section: 003

Special Reading and Research (113943)

Stephen Blyth

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Statistics 301 Section: 005

Special Reading and Research (113943)

Mark Glickman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Statistics 301 Section: 005

Special Reading and Research (113943)

Mark Glickman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Statistics 301 Section: 007

Special Reading and Research (113943)

Pierre Jacob

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Statistics 301 Section: 007

Special Reading and Research (113943)

Pierre Jacob

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Statistics 301 Section: 008

Special Reading and Research (113943)

S. C. Samuel Kou

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Statistics 301 Section: 009

Special Reading and Research (113943)

Jun Liu

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Statistics 301 Section: 009

Special Reading and Research (113943)

Jun Liu

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Statistics 301 Section: 010

Special Reading and Research (113943)

Xiao-Li Meng

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Statistics 301 Section: 010

Special Reading and Research (113943)

Xiao-Li Meng

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Statistics 301 Section: 011

Special Reading and Research (113943)

Luke Miratrix

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Statistics 301 Section: 011

Special Reading and Research (113943)

Luke Miratrix

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Statistics 301 Section: 013

Special Reading and Research (113943)

Michael Parzen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Statistics 301 Section: 013

Special Reading and Research (113943)

Michael Parzen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Statistics 301 Section: 014

Special Reading and Research (113943)

Natesh Pillai

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Statistics 301 Section: 014

Special Reading and Research (113943)

Natesh Pillai

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Statistics 301 Section: 016

Special Reading and Research (113943)

Neil Shephard

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Statistics 301 Section: 016

Special Reading and Research (113943)

Neil Shephard

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Statistics 302

Direction of Doctoral Dissertations (112935)

Jun Liu

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Statistics 303HFA

The Art and Practice of Teaching Statistics (121311)

Xiao-Li Meng

Subhabrata Sen

2019 Fall (2 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Required of all first-year doctoral students in Statistics. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Indivisible Course
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Statistics 303HFB

The Art and Practice of Teaching Statistics (160674)

Xiao-Li Meng

Zheng Ke

2020 Spring (2 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Required of all first-year doctoral students in Statistics. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
Course Search Attributes	Display Only in Course Search
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
Full Year Course	Indivisible Course
FAS Divisional Distribution	None

Statistics 305R

Statistical Consulting (142838)

Lucas Janson

2019 Fall (2 Credits) **Schedule:** R 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Small groups of students (experienced graduate students in statistics) will hold weekly office hours to provide free help to any researchers who come by with data analysis questions. The class will also meet as a full group once per week to discuss issues that arise in statistical consulting and go over cases from the prior week.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Statistics 305R

Statistical Consulting (142838)

Lucas Janson

2020 Spring (2 Credits) **Schedule:** W 0430 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Small groups of students (experienced graduate students in statistics) will hold weekly office hours to provide free help to any researchers who come by with data analysis questions. The class will also meet as a full group once per week to discuss issues that arise in statistical consulting and go over cases from the prior week.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Statistics 310HFRA

Topics in Astrostatistics (120000)

Xiao-Li Meng

2019 Fall (2 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
Full Year Course	Indivisible Course

Statistics 310HFRB

Topics in Astrostatistics (160676)

Xiao-Li Meng

2020 Spring (2 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
Full Year Course	Indivisible Course
Course Search Attributes	Display Only in Course Search
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Statistics 314HFRA

Timely Topics in Statistics (110271)

Zheng Ke

2019 Fall (2 Credits) **Schedule:** M 1200 PM - 0115 PM
M 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Class Notes: **A weekly Monday group meeting in SC 400N is a component of this course.**

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Indivisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Statistics 314HFRB

Timely Topics in Statistics (160677)

Subhabrata Sen

2020 Spring (2 Credits) **Schedule:** M 1200 PM - 0115 PM
M 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Class Notes: **A weekly monday group meeting is a component of this course.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Course Search Attributes	Display Only in Course Search
Full Year Course	Indivisible Course
FAS Divisional Distribution	None

Statistics 316

Big data statistics in genomic and genetic research (204455)

Xiaole (Shirley) Liu

Jun Liu

2020 Spring (4 Credits) **Schedule:** R 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

As biomedical research community generates more and more high throughput genomic profiles, the need for careful statistical analyses also increases. In this weekly course, we will first introduce the main statistical challenges and basic solutions to big data in genomic and genetic research. We will also ask students to read a selection of methodology and data analysis papers for biomedical big data, and debate about their statistical and computational merits and drawbacks.

Recommended Prep: **Students taking the course should have a reasonable background and knowledge in statistical (e.g. STAT111/139), genomics and bioinformatics (e.g. STAT115/215).**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Statistics 364

Scalable Statistical Inference for Big Data with Applications (214539)

Xihong Lin

2020 Spring (4 Credits) **Schedule:** T 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Unprecedented advances in digital technology have produced a revolution that is transforming science and society. Big data have been rapidly generated in many disciplines, such as genomics, health, physical and social sciences. The value of big data lies in effective analysis using statistical inference and machine learning methods that are computationally scalable and efficient. In this course, we will discuss several ongoing research areas on scalable statistical inference for big data, including several current research activities, challenges and open problems. Examples include dense and sparse signal detection, feature selection, boosting, high-dimensional prediction and testing, sparse and low-rank matrix estimation, general tensor methods, fast PCA, post PC inference and eigenvector theory, efficient concave and non-concave penalized likelihood maximization and inference, nonparametric function estimation, network analysis, convolutional neural networks, random projection, sketching, distributed computing, cloud computing, variational Bayesian methods, and estimating (possibly) low dimensional functionals in high dimensional models (e.g. average treatment effects in the presence of high dimensional covariates, signal to noise ratio, genetic relatedness). Applications of these methods in various areas will be discussed.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Statistics 366

Introduction to Research (108851)

Jun Liu

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 15

Introduction to the process of developing research ideas into publications in Statistics, using case studies and actual research projects. Emphasizes scientific communication in research papers and presentations, deciphering referee reports, and finding the right forum.

Recommended Prep: **Statistics 211a.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Statistics 366

Introduction to Research (108851)

Jun Liu

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0115 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Introduction to the process of developing research ideas into publications in Statistics, using case studies and actual research projects. Emphasizes scientific communication in research papers and presentations, deciphering referee reports, and finding the right forum.

Recommended Prep: **Statistics 211a.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Statistics 393

Design of Experimental and Non-experimental Studies (213597)

Jose Zubizarreta

2020 Spring (4 Credits) **Schedule:** F 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This is a seminar course on causal inference. We will discuss new and old papers on the design (and analysis) of experimental and non-experimental (observational) studies. Occasionally, leading scholars in the field will visit us and present their work. This course is geared towards methodological research in causal inference.

Recommended Prep: **Stat 211 or equivalent**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Statistics 397

Design of Experimental and Non-experimental Studies (213597)

Jose Zubizarreta

2019 Fall (4 Credits) **Schedule:** F 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This is a seminar course on causal inference. We will discuss new and old papers on the design (and analysis) of experimental and non-experimental (observational) studies. Occasionally, leading scholars in the field will visit us and present their work. This course is geared towards methodological research in causal inference.

Recommended Prep: **Stat 211 or equivalent**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Statistics 398

Research (127772)

2019 Fall (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Individual research under the supervision of faculty members of the Statistics Department. Used to replace TIME R.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Statistics 398

Research (127772)

2020 Spring (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Individual research under the supervision of faculty members of the Statistics Department. Used to replace TIME R.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Statistics 399

Teaching (123920)

2020 Spring (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Statistics graduate students may register for this course during the semesters they are teaching. Used to replace TIME T.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Statistics 399

Teaching (123920)

2019 Fall (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

Statistics graduate students may register for this course during the semesters they are teaching. Used to replace TIME T.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Stem Cell and Regenerative Biology

Subject: Stem Cell & Regenerative Biol

Stem Cell & Regenerative Biol 10

Human Developmental and Regenerative Biology (125800)

William Anderson

2019 Fall (4 Credits) **Schedule:** MWF 0300 PM - 0415 PM

Instructor Permissions: None **Enrollment Cap:** n/a

Fundamental concepts in developmental biology will be presented within the framework of the developing and regenerating mammal. Where possible, lectures will focus on humans.

Recommended Prep: **Life and Physical Sciences A or Life Sciences 1a is required either prior to or concurrently with enrollment in SCRB 10.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Final Assessment Category	Three-hour Exam
All: Cross Reg Availability	Available for Harvard Cross Registration

Stem Cell & Regenerative Biol 50

Building a Human Body: From Gene to Cell to Organism (212882)

Amie Holmes

Richard Lee

Jessica Whited

Jeffrey Macklis

Jason Buenrostro

Paola Arlotta

Lee Rubin

2020 Spring (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

Through a series of lectures, application exercises and laboratory experiments, we will explore how the human body develops on a molecular level from gene to cell to organ. Ever wonder how you can make heart cells beat in a dish? Why can axolotls regenerate their limbs but humans cannot? How do neurites grow? Can we grow a brain in a cell culture dish? Come join us to discover the answers to these questions and more.

Recommended Prep: **LS1a/LPSA is required; SCRB 10 is recommended**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Stem Cell & Regenerative Biol 78 Section: 01

Science Communication (214393)

William Anderson

Amie Holmes

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0530 PM

Instructor Permissions: Instructor **Enrollment Cap:** 14

Communicating complex ideas succinctly differentiates 1.5°C and 5°C, biotech success and failure, doctor and dispenser, and, in this class, an A and a C. Over twelve weeks of solo project-based communication practice in scientific presentations, impromptu pitching, New York Times article-writing, videography and video editing, scientific articles, biotechnology, policy, and grant-writing, this class aims to turn you into a standout communicator. This class is highly practical and follows a 'work smarter, not harder' teaching ethic.

Recommended Prep: **There are no prerequisites for this class but that you be a STEM concentrator at Harvard College.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Stem Cell & Regenerative Biol 91R

Introduction to Research (125804)

Amie Holmes

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Laboratory research in topics related to the Human Developmental and Regenerative Biology Concentration under the direction of, or approved by, members of the Department of Stem Cell and Regenerative Biology, Principal Faculty of the Harvard Stem Cell Institute, or others with permission. A paper must be submitted to the laboratory sponsor and to the HDRB Concentration Office for review by the Course Director and Head Tutors.

Course Notes: **Students must have joined a laboratory by the course registration deadline (i.e., "study card day") to be able to enroll in SCRB 91.**

Limited to Human Developmental and Regenerative Biology Concentrators; written permission of the laboratory sponsor must be submitted to the HDRB Concentration Office prior to enrolling in the course. This introductory research course is intended to prepare students for SCRB 99 and may ordinarily be repeated no more than once. Ordinarily may not be taken as a fifth course. Laboratory safety session required.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Undergraduate Students

Stem Cell & Regenerative Biol 91R

Introduction to Research (125804)

Amie Holmes

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Laboratory research in topics related to the Human Developmental and Regenerative Biology Concentration under the direction of, or approved by, members of the Department of Stem Cell and Regenerative Biology, Principal Faculty of the Harvard Stem Cell Institute, or others with permission. A paper must be submitted to the laboratory sponsor and to the HDRB Concentration Office for review by the Course Director and Head Tutors.

Course Notes: **Students must have joined a laboratory by the course registration deadline (i.e., "study card day") to be able to enroll in SCRB 91.**

Limited to Human Developmental and Regenerative Biology Concentrators; written permission of the laboratory sponsor must be submitted to the HDRB Concentration Office prior to enrolling in the course. This introductory research course is intended to prepare students for SCRB 99 and may ordinarily be repeated no more than once. Ordinarily may not be taken as a fifth course. Laboratory safety session required.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Undergraduate Students

Stem Cell & Regenerative Biol 99A

Laboratory Research for Honors Thesis (125805)

Amie Holmes

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For honors candidates writing a thesis in Human Developmental and Regenerative Biology. Students must complete both terms of this course (A and B) in order to receive credit.

Course Notes: **Ordinarily may not be taken as a fifth course. Laboratory safety session required.**

Recommended Prep: **Students intending to enroll in the fall are required to submit a written proposal to the Course Director. Students may enter the course at**

midyear only with the permission of the Course Director. The thesis proposal must be approved by the Course Director and Head Tutors prior to enrolling in SCRB 99.

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Indivisible Course
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Stem Cell & Regenerative Biol 99A Section: 01

Laboratory Research for Honors Thesis (125805)

Amie Holmes

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For honors candidates writing a thesis in Human Developmental and Regenerative Biology. Students must complete both terms of this course (A and B) in order to receive credit.

Course Notes: **Ordinarily may not be taken as a fifth course. Laboratory safety session required.**

Recommended Prep: **Students intending to enroll in the fall are required to submit a written proposal to the Course Director. Students may enter the course at midyear only with the permission of the Course Director. The thesis proposal must be approved by the Course Director and Head Tutors prior to enrolling in SCRB 99.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
Full Year Course	Indivisible Course
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration

Stem Cell & Regenerative Biol 99B

Laboratory Research for Honors Thesis (159852)

Amie Holmes

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For honors candidates writing a thesis in Human Developmental and Regenerative Biology. Students must complete both terms of this course (A and B) to receive credit.

Course Notes: **Ordinarily may not be taken as a fifth course. Laboratory safety session required.**

Recommended Prep: **Students intending to enroll in the fall are required to submit a written**

proposal to the Course Director. Students may enter the course at midyear only with the permission of the Course Director. The thesis proposal must be approved by the Course Director and Head Tutors prior to enrolling in SCRB 99.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
Full Year Course	Indivisible Course
All: Cross Reg Availability	Not Available for Cross Registration
Course Search Attributes	Display Only in Course Search

Stem Cell & Regenerative Biol 99B

Laboratory Research Honors Thesis (212691)

Amie Holmes

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For honors candidates writing a thesis in Human Developmental and Regenerative Biology. Students must complete both terms of this course (A and B) to receive credit.

Recommended Prep: **Students intending to enroll in the fall are required to submit a written proposal to the Course Director. Students may enter the course at midyear only with the permission of the Course Director. The thesis proposal must be approved by the Course Director and Head Tutors prior to enrolling in SCRB 99.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Stem Cell & Regenerative Biol 111

Regeneration: Phenomena to Mechanisms (212688)

Jessica Whited

2019 Fall (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

How can some animals regenerate large pieces of their bodies following injury? This course will use both classical and current primary literature to explore the fascinating process of regeneration across phyla, covering both invertebrates and vertebrates. Students will learn to distill questions into specific, key experiments; to design experiments with meaningful controls; and to use data to refine, reformulate, and develop new hypotheses.

Course Notes: **Students will be engaged in group work throughout the semester. They will develop new Wikipedia pages about specific topics related to regeneration. As a final project, they will write and produce short**

videos centered on student-selected topics, and the course will culminate with a class-wide viewing event.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration

Stem Cell & Regenerative Biol 140

Developmental and Molecular Basis of Growth and Regeneration (126744)

Fernando Camargo

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will focus on the biology of organ growth and regeneration from a developmental perspective. How is the size and symmetry of our organs set? How does a regenerating animal sense that something is missing and eventually stop the regenerative process when tissues reform? We will learn about conserved developmental pathways that are necessary for adult regeneration and discuss how the aberrant activation of these pathways can lead to overgrowth disorders such as cancer.

Recommended Prep: **Life and Physical Sciences A or Life Sciences 1a; Life Sciences 1b; SCRB 10 or MCB 54, or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science

Stem Cell & Regenerative Biol 145

From Cells to Tissues, in Sickness and in Health (161207)

Ya-chieh Hsu

2020 Spring (4 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 18

Every cell is a part of a larger "community", working together to enable tissue function. This course will explore the principles of building complex tissues from cells. How do cells know what tissues to make and when to make them? How do cells communicate with one another? What diseases can arise when these principles go awry? How can we build tissues in the lab? In addition to lectures, students will engage deeply in primary literature.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Science & Engineering & Applied Science

Stem Cell & Regenerative Biol 150

Human Genetics: Mining Our Genomes for an Understanding of Human Variation and Disease (114797)

Kevin Eggan

2020 Spring (4 Credits) **Schedule:** T 0900 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

The sequencing of the human genome has revealed the full extent of genetic variation that exists within us as a species. This genetic diversity underlies much of our physical variation as well as our differences in responsiveness to disease stimuli and their treatments. We will explore these and other ramifications of human genetic diversity by applying classical and contemporary genetic tools to the identification of specific genes and pathways that functionally underlie our variable biology.

Recommended Prep: **Life and Physical Sciences A or Life Sciences 1a; Life Sciences 1b (or equivalent); SCRB 10.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Stem Cell & Regenerative Biol 167 Section: 01

Stem Cell Therapeutics: Exploring the science and the patient experience (125200)

Leonard Zon

2020 Spring (4 Credits) **Schedule:** W 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Stem cells are the basis for tissue maintenance and repair, thus, are essential elements of normal organ and tissue physiology. Stem cells are also targets for disease processes and through transplantation are important therapeutic agents. This course will allow advanced undergraduates to explore how stem cells and tissue regeneration impact human disease pathogenesis and how stem cells might be exploited to advance new therapies for disease.

Recommended Prep: **Life and Physical Sciences A or Life Sciences 1a; Life Sciences 1b; SCRB 10.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Stem Cell & Regenerative Biol 175

Glucose: From Molecule to Society (128041)

Richard Lee

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: None **Enrollment Cap:** n/a

We will explore the biochemistry, cell biology, and physiology that make glucose our main source of energy. How did humans depend on and crave this molecule? What consequences does it hold for normal metabolism and disease? Students will integrate evolution, endocrinology, biostatistics, bioengineering, and regenerative biology approaches in considering sugar and all its consequences. Finally, we will evaluate legal and business issues necessary to move scientific and technical innovations from the laboratory to the patient.

Recommended Prep: **Life and Physical Sciences A or Life Sciences 1a; Life Sciences 1b; SCRB 10 or MCB 54; MCB 52 or permission of the instructor.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Stem Cell & Regenerative Biol 178

Immunology: New Tracks and Greatest Hits (111316)

Jonathan Hoggatt

2020 Spring (4 Credits) **Schedule:** MW 0430 PM - 0545 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will explore cutting edge immunology topics with student presentations of recently published papers discussing topics ranging from hematopoietic stem cells, HIV, gluten, cancer and others. The class will also discuss the classic immunology papers that have shaped the field today, with discussions on the next steps for the future. Course work: Reading of papers, seminar presentations, and class participation.

Recommended Prep: **MCB 169 or permission of instructor recommended, but not required.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Stem Cell & Regenerative Biol 190 Section: 01

Understanding Aging: Degeneration, Regeneration, and the Scientific Search for the Fountain of Youth (125185)

Amy Wagers

2020 Spring (4 Credits) **Schedule:** MW 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This lecture and discussion course will explore the fundamental molecular and cellular mechanisms that govern organismal aging and contemporary strategies to delay or reverse this process.

Recommended Prep: **Life and Physical Sciences A or Life Sciences 1a; Life Sciences 1b;**

SCRB 10.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Stem Cell & Regenerative Biol 195

The Translational Science of Stem Cells (204006)

Lee Rubin

2019 Fall (4 Credits) **Schedule:** MW 0300 PM - 0415 PM

Instructor Permissions: Instructor **Enrollment Cap:** 16

Through a series of lectures, given by Professor Rubin and Dr. Nayara, as well as some outstanding outside speakers, students will be introduced to a broad view of the ways in which stem cells can be used for translational research. This will include human disease modeling, identifying drugs that target endogenous stem cells, or otherwise promote tissue repair, and regenerative medicine (cell-based therapies).

The goal of the course is to give students a very up-to-date view of where stem cell-associated therapies stand now and are heading in the future. The course relies on active student participation and will include reading primary research articles for each lecture. This is done so that students are prepared to engage scientifically with the lecturers. All of the knowledge that students acquire in this class will be incorporated into a final paper in which the students have the opportunity to propose new types of therapies for serious disorders.

Course Notes: **Permission of the instructor required to enroll. Ability to work in a less structured environment will be essential.**

Recommended Prep: **Life Sciences 1a or Life and Physical Sciences A, Life Sciences 1b, and preferably SCRB 10.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Stem Cell & Regenerative Biol 197

Frontiers in Therapeutics (204358)

Mark Fishman

Douglas Melton

2020 Spring (4 Credits) **Schedule:** TR 1200 PM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** n/a

How realistic are promises to "eliminate" diseases and to "personalize" medicine? This course looks at biological principles underlying therapeutics, ranging from those described first in Egyptian papyri to those

under development today (using chemicals, proteins, cells, and genetic manipulations) and based on traditional philosophies and on science. As part of the class, students will have the opportunity to design novel approaches to diseases today without cure.

Course Notes: **Prerequisites are Life and Physical Sciences A or Life Sciences 1a; Life Sciences 1b; MCB 60, SCRB 50, or permission of the instructor**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Science & Engineering & Applied Science

Stem Cell & Regenerative Biol 302

Mechanisms of Epigenetic Reprogramming (148232)

Kevin Eggan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Stem Cell & Regenerative Biol 302

Mechanisms of Epigenetic Reprogramming (148232)

Kevin Eggan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Stem Cell & Regenerative Biol 304

Human Molecular Genetics (110267)

Kiran Musunuru

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Stem Cell & Regenerative Biol 304

Human Molecular Genetics (110267)

Kiran Musunuru

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Stem Cell & Regenerative Biol 350

Epithelial Stem Cells in Development, Regeneration, and Disease (156732)

Ya-chieh Hsu

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Stem Cell & Regenerative Biol 350

Epithelial Stem Cells in Development, Regeneration, and Disease (156732)

Ya-chieh Hsu

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None

All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Stem Cell & Regenerative Biol 382

Molecular Immunology (116346)

Jack L. Strominger

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Stem Cell & Regenerative Biol 382

Molecular Immunology (116346)

Jack L. Strominger

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Stem Cell & Regenerative Biol 399

Vertebrate Developmental Biology (126489)

Douglas Melton

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Stem Cell & Regenerative Biol 399

Vertebrate Developmental Biology (126489)

Douglas Melton

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Summer School

Subject: History of Science (Summer)

History of Science (Summer) S-131

Humans in Peril/Planet (214475)

2019 Fall (4 Credits) **Schedule:**

Instructor Permissions: None **Enrollment Cap:** n/a

This course is a history of how modern humans have understood their relationship to the natural world, with a focus on the cases where we see ourselves as either threatened by, or threatening to, the planet. How did we shift from seeing humans as imperiled by nature's hazards to thinking of humans as a threat to nature itself? How did once dangerous places come to seem fragile? Topics include human understandings of extreme events such as earthquakes and hurricanes; changing perceptions of glaciers, the arctic, and the deep sea; and themes such as climate scientists' roles in political debates, Pacific islanders' responses to rising sea levels, growing concern about climate change, the rise of the idea of the Anthropocene, and the sixth extinction. Course materials include first-hand accounts of natural disasters; calls to action in different epochs from writers such as Rachel Carson and Elizabeth Kolbert; and films that helped reshape popular sentiments about the world around us. The course provides an introduction to the field of history of science and also draws from scholarly traditions in environmental history, anthropology, and indigenous studies.

Additional Course Attributes:

Attribute	Value(s)

Systems Biology

Subject: Systems Biology

Systems Biology 204

Synthetic Biology: From Ideation to Commercialization (127916)

Jeffrey Way

2019 Fall (4 Credits) **Schedule:** MW 0230 PM - 0400 PM

Instructor Permissions: Instructor **Enrollment Cap:** 50

This course provides an introduction to synthetic biology, with an emphasis on medical applications. Topics will include (1) design principles of cells, organisms, and complex proteins, industry case studies, and analysis of the synthetic-biological literature; and (2) commercialization of biotechnology and synthetic biology, including conceptualization of commercializable research, financing mechanisms, intellectual property strategies, licensing, publicity, virtual companies, and the progression through pre-clinical and clinical research and development. Specific topics include design of bacterial and mammalian genetic circuits, CAR-T cells, whole genome recoding, artificial protein design, and gene therapy.

Course Notes: **See http://sb204.net for details**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Systems Biology 212

Communication of Science (108839)

Galit Lahav

Angela Depace

2019 Fall (4 Credits) **Schedule:** F 0130 PM - 0430 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Students will work collaboratively with faculty and one another on critical science communication skills including crafting graphics, writing fellowships, and giving oral presentations.

Course Notes: **This is a required course for first year Systems, Synthetic, and Quantitative Biology students.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Systems Biology 220QC

Analysis foundations for quantitative biologists (part 1) (204480)

Allon Klein

Sahand Hormoz

Ying Lu

2020 Spring (2 Credits) **Schedule:** WF 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

The bedrock foundation of quantitative biology is controlling assumptions and errors in empirical measurement. This course focuses on developing "street-fighting" capabilities in quantitative analysis: statistical concepts that every biologist needs to ensure that they can interpret their data correctly. The course introduces estimators, the origin and consequences of key distributions in biology, error propagation, hypothesis testing, multiple hypothesis correction and the perils of p-hacking. Concepts are reinforced through problem sets, and team-based analysis of new experimental methods. This course can be taken alone, or as the start of SB221 that extends to cover: high-dimensional data analysis; statistical inference; and how molecular biological systems measure their surroundings in the face of thermal noise and limited energy resources.

Recommended Prep: **Knowledge of programming, statistics, physics and chemistry.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Science & Engineering & Applied Science
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Graduate Students

Systems Biology 221QC

Analysis foundations for quantitative biologists (part 2) (214495)

Allon Klein

Sahand Hormoz

Ying Lu

Elizabeth Pomerantz

2020 Spring (2 Credits) **Schedule:** WF 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 40

(Part 2 of the SB220qc / SB221qcseries) New experimental techniques are changing the nature of data sets in biology. For example, high throughput methods routinely measure expression levels of thousands of genes in individual cells across tens of thousands of cells. Imaging methods record 3-dimensional movies of developmental processes, generating terabytes of data in a single run. How do we make sense of these data sets? This course will begin with "street-fighting" statistics: tools that every biologist needs to ensure that they can interpret their data correctly. We will then study the fascinating world of high-dimensional spaces and build the intuition required for interpreting data that live in these spaces. We will cover linear and non-linear dimensionality reduction, statistical learning and inference in high-dimensional spaces, and relevant machine learning tools such as autoencoders. Finally, we ask how biological systems themselves solve high-dimensional inference problems, subject to severe measurement constraints in the form of thermal noise and limited energy

resources. We will cover relevant ideas from statistical physics such as kinetic proof reading. To join the first five weeks of this course (on "street-fighting" statistics) enroll in SB220qc.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Science & Engineering & Applied Science
FAS: Course Level	Primarily for Graduate Students

Systems Biology 300HFA

Introduction to Systems Biology Research (120829)

Timothy Mitchison

Curtis Huttenhower

Sahand Hormoz

Allon Klein

2019 Fall (2 Credits) **Schedule:** M -

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Series of lectures to introduce the research areas of current program faculty in systems biology. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
Full Year Course	Indivisible Course
FAS Divisional Distribution	None

Systems Biology 300HFB

Introduction to Systems Biology Research (160680)

Timothy Mitchison

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Series of lectures to introduce the research areas of current program faculty in systems biology. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Indivisible Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

FAS: Course Level	Graduate Course
Course Search Attributes	Display Only in Course Search

Systems Biology 300QC

Advanced Topics in Systems Biology (109968)

Timothy Mitchison

2020 Spring (2 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Series of intensive seminars, each running for 6 hours. Three seminars, which can be taken in different terms, are required for credit.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Systems Biology 300QC

Advanced Topics in Systems Biology (109968)

Timothy Mitchison

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Series of intensive seminars, each running for 6 hours. Three seminars, which can be taken in different terms, are required for credit.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Systems Biology 302QC

Quantitative Human Physiology (127596)

2019 Fall (2 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Introduction to selected mathematical and computational models of human physiology, disease, and treatment monitoring. Topics may include glucose regulation, kidney filtration, blood cell homeostasis and anemia, cell growth and cancer, and pharmacokinetics and pharmacodynamics.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Systems Biology 350

Systems Biology Research (121507)

Jacob Hooker

Michael Baym

Ying Lu

Maha Farhat

Benjamin de Bivort

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
No FAINFO	300 or 3000 level class, do not generate FAINFO
FAS: Course Level	Graduate Course

Systems Biology 350

Systems Biology Research (121507)

Ramy Arnaout

Michael Baym

Ying Lu

Benjamin de Bivort

Timothy Mitchison

Jessica Lehoczky

Eliezer Van Allen

Mario Suva

Sahand Hormoz

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Systems Biology 350 Section: 002

Systems Biology Research (121507)

Edoardo Airoldi

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Systems Biology 350 Section: 002

Systems Biology Research (121507)

Edoardo Airoldi

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 003

Systems Biology Research (121507)

Katie Bentley

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Systems Biology 350 Section: 003

Systems Biology Research (121507)

Katie Bentley

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 004

Systems Biology Research (121507)

Michael P. Brenner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Systems Biology 350 Section: 004

Systems Biology Research (121507)

Michael P. Brenner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 005

Systems Biology Research (121507)

Martha Bulyk

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 005

Systems Biology Research (121507)

Martha Bulyk

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Systems Biology 350 Section: 006

Systems Biology Research (121507)

George Church

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Systems Biology 350 Section: 006

Systems Biology Research (121507)

George Church

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 007

Systems Biology Research (121507)

Stirling Churchman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

FAS Course Roll	FAS Course Roll

Systems Biology 350 Section: 007

Systems Biology Research (121507)

Stirling Churchman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Systems Biology 350 Section: 008

Systems Biology Research (121507)

Philippe Cluzel

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Systems Biology 350 Section: 008

Systems Biology Research (121507)

Philippe Cluzel

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Systems Biology 350 Section: 009

Systems Biology Research (121507)

Adam Cohen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 009

Systems Biology Research (121507)

Adam Cohen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Systems Biology 350 Section: 010

Systems Biology Research (121507)

Vladimir Denic

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Systems Biology 350 Section: 010

Systems Biology Research (121507)

Vladimir Denic

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 011

Systems Biology Research (121507)

Angela Depace

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Systems Biology 350 Section: 011

Systems Biology Research (121507)

Angela Depace

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 012

Systems Biology Research (121507)

Michael Desai

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 012

Systems Biology Research (121507)

Michael Desai

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 013

Systems Biology Research (121507)

Francis Doyle

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Systems Biology 350 Section: 013

Systems Biology Research (121507)

Francis Doyle

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 014

Systems Biology Research (121507)

Catherine Dulac

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

FAS Divisional Distribution	None

Systems Biology 350 Section: 014

Systems Biology Research (121507)

Catherine Dulac

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Systems Biology 350 Section: 015

Systems Biology Research (121507)

Sean Eddy

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Systems Biology 350 Section: 015

Systems Biology Research (121507)

Sean Eddy

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 016

Systems Biology Research (121507)

Walter Fontana

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Systems Biology 350 Section: 016

Systems Biology Research (121507)

Walter Fontana

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 017

Systems Biology Research (121507)

Ethan Garner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Systems Biology 350 Section: 017

Systems Biology Research (121507)

Ethan Garner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Systems Biology 350 Section: 018

Systems Biology Research (121507)

Yonatan Grad

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 018

Systems Biology Research (121507)

Yonatan Grad

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Systems Biology 350 Section: 019

Systems Biology Research (121507)

Jesse Gray

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 019

Systems Biology Research (121507)

Jesse Gray

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Systems Biology 350 Section: 020

Systems Biology Research (121507)

Jeremy Gunawardena

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Systems Biology 350 Section: 020

Systems Biology Research (121507)

Jeremy Gunawardena

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Systems Biology 350 Section: 021

Systems Biology Research (121507)

John Higgins

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

All: Cross Reg Availability	Available for Harvard Cross Registration

Systems Biology 350 Section: 021

Systems Biology Research (121507)

John Higgins

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Systems Biology 350 Section: 022

Systems Biology Research (121507)

Curtis Huttenhower

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 022

Systems Biology Research (121507)

Curtis Huttenhower

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 023

Systems Biology Research (121507)

Marc Kirschner

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Systems Biology 350 Section: 023

Systems Biology Research (121507)

Marc Kirschner

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Systems Biology 350 Section: 024

Systems Biology Research (121507)

Allon Klein

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Systems Biology 350 Section: 024

Systems Biology Research (121507)

Allon Klein

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Systems Biology 350 Section: 025

Systems Biology Research (121507)

Galit Lahav

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Systems Biology 350 Section: 025

Systems Biology Research (121507)

Galit Lahav

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Systems Biology 350 Section: 026

Systems Biology Research (121507)

Erel Levine

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 026

Systems Biology Research (121507)

Erel Levine

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Systems Biology 350 Section: 027

Systems Biology Research (121507)

Richard Losick

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Systems Biology 350 Section: 027

Systems Biology Research (121507)

Richard Losick

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 028

Systems Biology Research (121507)

Debora Marks

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

FAS: Course Level	Graduate Course

Systems Biology 350 Section: 028

Systems Biology Research (121507)

Debora Marks

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 029

Systems Biology Research (121507)

Sean Megason

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 029

Systems Biology Research (121507)

Sean Megason

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Systems Biology 350 Section: 030

Systems Biology Research (121507)

Timothy Mitchison

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Systems Biology 350 Section: 030

Systems Biology Research (121507)

Timothy Mitchison

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 031

Systems Biology Research (121507)

Vamsi Mootha

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Systems Biology 350 Section: 031

Systems Biology Research (121507)

Vamsi Mootha

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Systems Biology 350 Section: 032

Systems Biology Research (121507)

Andrew Murray

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Systems Biology 350 Section: 032

Systems Biology Research (121507)

Andrew Murray

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Systems Biology 350 Section: 033

Systems Biology Research (121507)

Daniel Needleman

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 033

Systems Biology Research (121507)

Daniel Needleman

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Systems Biology 350 Section: 034

Systems Biology Research (121507)

David R. Nelson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Systems Biology 350 Section: 034

Systems Biology Research (121507)

David R. Nelson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Systems Biology 350 Section: 035

Systems Biology Research (121507)

Martin Nowak

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

FAS Course Roll	FAS Course Roll

Systems Biology 350 Section: 035

Systems Biology Research (121507)

Martin Nowak

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Systems Biology 350 Section: 036

Systems Biology Research (121507)

Erin O'Shea

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Systems Biology 350 Section: 036

Systems Biology Research (121507)

Erin O'Shea

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Systems Biology 350 Section: 037

Systems Biology Research (121507)

Johan Paulsson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Systems Biology 350 Section: 037

Systems Biology Research (121507)

Johan Paulsson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 038

Systems Biology Research (121507)

Sharad Ramanathan

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Systems Biology 350 Section: 038

Systems Biology Research (121507)

Sharad Ramanathan

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Systems Biology 350 Section: 039

Systems Biology Research (121507)

Aviv Regev

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 039

Systems Biology Research (121507)

Aviv Regev

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Systems Biology 350 Section: 040

Systems Biology Research (121507)

David Reich

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Systems Biology 350 Section: 040

Systems Biology Research (121507)

David Reich

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Systems Biology 350 Section: 041

Systems Biology Research (121507)

John Rinn

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 041

Systems Biology Research (121507)

John Rinn

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Systems Biology 350 Section: 042

Systems Biology Research (121507)

Pardis Sabeti

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Graduate Course

Systems Biology 350 Section: 042

Systems Biology Research (121507)

Pardis Sabeti

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Systems Biology 350 Section: 043

Systems Biology Research (121507)

Alexander Schier

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 043

Systems Biology Research (121507)

Alexander Schier

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 044

Systems Biology Research (121507)

Jagesh Shah

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Systems Biology 350 Section: 044

Systems Biology Research (121507)

Jagesh Shah

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Systems Biology 350 Section: 045

Systems Biology Research (121507)

Eugene Shakhnovich

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Systems Biology 350 Section: 045

Systems Biology Research (121507)

Eugene Shakhnovich

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Systems Biology 350 Section: 046

Systems Biology Research (121507)

William Shih

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Systems Biology 350 Section: 046

Systems Biology Research (121507)

William Shih

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 047

Systems Biology Research (121507)

Pamela Silver

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Systems Biology 350 Section: 047

Systems Biology Research (121507)

Pamela Silver

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 048

Systems Biology Research (121507)

Peter Sorger

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Systems Biology 350 Section: 048

Systems Biology Research (121507)

Peter Sorger

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll

Systems Biology 350 Section: 049

Systems Biology Research (121507)

Michael Springer

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS Divisional Distribution	None

Systems Biology 350 Section: 049

Systems Biology Research (121507)

Michael Springer

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 050

Systems Biology Research (121507)

Ralph Weissleder

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Systems Biology 350 Section: 050

Systems Biology Research (121507)

Ralph Weissleder

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Systems Biology 350 Section: 051

Systems Biology Research (121507)

David Weitz

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Systems Biology 350 Section: 051

Systems Biology Research (121507)

David Weitz

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 052

Systems Biology Research (121507)

Xiaoliang Xie

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 052

Systems Biology Research (121507)

Xiaoliang Xie

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 053

Systems Biology Research (121507)

Peng Yin

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Systems Biology 350 Section: 053

Systems Biology Research (121507)

Peng Yin

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Systems Biology 350 Section: 054

Systems Biology Research (121507)

Xiaowei Zhuang

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 054

Systems Biology Research (121507)

Xiaowei Zhuang

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None

Systems Biology 350 Section: 055

Systems Biology Research (121507)

Chirag Patel

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 055

Systems Biology Research (121507)

Chirag Patel

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 056

Systems Biology Research (121507)

Isaac Kohane

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

FAS: Course Level	Graduate Course

Systems Biology 350 Section: 056

Systems Biology Research (121507)

Bradley Bernstein

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 057

Systems Biology Research (121507)

Nir Hacohen

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course

Systems Biology 350 Section: 057

Systems Biology Research (121507)

Nir Hacohen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Systems Biology 350 Section: 058

Systems Biology Research (121507)

Luk Vandenberghe

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Systems Biology 350 Section: 058

Systems Biology Research (121507)

Bradley Bernstein

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Systems Biology 350 Section: 059

Systems Biology Research (121507)

Luk Vandenberghe

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Systems Biology 350 Section: 059

Systems Biology Research (121507)

Nir Hacohen

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Systems Biology 350 Section: 060

Systems Biology Research (121507)

Douglas Melton

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Systems Biology 350 Section: 060

Systems Biology Research (121507)

Isaac Kohane

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None

Systems Biology 350 Section: 061

Systems Biology Research (121507)

Franziska Michor

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Systems Biology 350 Section: 062

Systems Biology Research (121507)

Maha Farhat

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Upper level Systems Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	None
FAS Course Roll	FAS Course Roll

Systems Biology 370

Advanced Topics in Systems Biology: Reading Seminar (126937)

Timothy Mitchison

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

A series of reading and discussion seminars, each running for a half term (7 weeks). Two seminars, which can be taken in different terms, are required for credit.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Systems Biology 370

Advanced Topics in Systems Biology: Reading Seminar (126937)

Timothy Mitchison

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

A series of reading and discussion seminars, each running for a half term (7 weeks). Two seminars, which can be taken in different terms, are required for credit.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration

Systems Biology 399

Introduction to Systems Biology: Rotations (121452)

Timothy Mitchison

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The course will introduce the research areas of faculty performing research in systems biology. Intended for Systems Biology lab rotations.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course

FAS Course Roll	FAS Course Roll

Systems Biology 399

Introduction to Systems Biology: Rotations (121452)

Timothy Mitchison

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

The course will introduce the research areas of faculty performing research in systems biology. Intended for Systems Biology lab rotations.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Theater, Dance, and Media

Subject: Theater, Dance & Media

Theater, Dance & Media CAMR

Advanced Playwriting: Workshop (203500)

Sam Marks

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This workshop is a continued exploration of writing for the stage. Students will be encouraged to excavate their own voice in playwriting. They will examine and attempt multiple narrative strategies and dialogue techniques. They will bolster their craft of playwriting through generating short scripts and a completed one act. Readings will include significant contributors to the theatrical form such as Ibsen and Beckett as well as contemporary dramatists such as Annie Baker, Caryl Churchill and Sam Shepard.

Course Notes: **TDM CAMR is the same course as ENGLISH CAMR. Admission based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

Theater, Dance & Media CKR

Introduction to Playwriting: Workshop (205632)

Sam Marks

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This workshop is an introduction to writing for the stage through intensive reading and in-depth written exercises. Each student will explore the fundamentals and possibilities of playwriting by generating short scripts and completing a one act play with an eye towards both experimental and traditional narrative styles. Readings will examine various ways of creating dramatic art and include work from contemporary playwrights such as Clare Barron, Aleshea Harris, Jeremy O. Harris, Taylor Mac, Suzan Lori-Parks, as well as work from Edward Albee, Caryl Churchill, and Harold Pinter.

Course Notes: **TDM CKR is the same course as ENGLISH CKR. Admission is based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Theater, Dance & Media 90AR

Production Studio - Queer Cabaret (205023)

Carmelita Tropicana

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

TDM production studios frame and involve participation in Theater, Dance & Media's twice yearly professionally directed and designed productions. The fall 2019 production will be Queer Cabaret, directed by Carmelita Tropicana. The preponderance of time for this course will be dedicated to the rehearsal process and performances, where the integration of theory and practice, and theater, dance, and media take place. Students will meet with the course head for seminar discussions and studio work at designated times (TBD) to examine the entire performance process through a creative lens.

- **Rehearsal dates and times are TBD**
- **The production is scheduled to open Thursday, December 5th.**

From the Dadaist's Cabaret Voltaire, to the jazz cabarets of Harlem, to the downtown NYC queer scene, cabaret as a non-traditional theatrical form is often associated with social and artistic subcultures. In this practice-based course, students will explore the history of cabaret and its relationships to queer art practice, politics, and community. Over the course of the semester, each student will create a cabaret act for performance. This work will ultimately become the content for TDM's fall production.

***NOTE: This class will function as the Production Studio course (TDM 90AR) for TDM's fall production. Students who enroll in the course will develop material for the production and collaboratively devise the piece under Tropicana's direction. This is to say that there will be no audition process for the fall production. If you are in the class, you are in the show.**

TDM FALL PRODUCTION
TDM's fall production (Title TBD) will be an original evening of cabaret performance directed by legendary performance artist Carmelita Tropicana and designed by Machine Dazzle, both of whom will be in residence throughout the production period. The content of this show will be devised from the work of students in Tropicana's Production Studio class: Queer Cabaret. Students taking the class will be cast in the roles they create for themselves through their course work. Students may also choose to apprentice with professionals on the production team. This production will be a site-specific, immersive cabaret experience staged in the Agassiz Theater. Rehearsals begin November 10. Performances take place December 5-7.

Course Notes: **TDM 90AR is required of concentrators and open to other students involved in the TDM fall production (as actors or apprentices on the production team). Participation is limited to students involved with the production, either as performers or as members of the production team.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

FAS: Course Level	Primarily for Undergraduate Students

Theater, Dance & Media 90BR

Production Studio (205031)

Kaneza Schaal

2020 Spring (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Department **Enrollment Cap:** 15

TDM production studios frame and involve participation in Theater, Dance & Media's twice yearly professionally directed and designed productions. The spring 2020 production will be directed by Kaneza Schaal. The preponderance of time for this course will be dedicated to the rehearsal process and performances, where the integration of theory and practice, and theater, dance, and media take place. Students will meet with the course head for seminar discussions at designated times (TBD) to examine the entire performance process through a dramaturgical lens.

The arc of this course will trace the process of researching and developing original performances and will culminate in public showings. The work will emphasize creative research, collaboration, and social practice within artistic inquiry. Great story telling requires speaking many languages. Social practice is inextricable from a purist of artistic excellence. By making work that speaks diverse formal, cultural, historical, aesthetic and experiential languages we can speak to many different people.

Each week students will present on a production influential to their own creative development which Schaal will pair with a production that draws on global performance history to frame the vast lineages through which we can situate ourselves and our interests. Works may include the inaugural theater piece at The Genocide Memorial Amphitheater in Kigali Rwanda; the touring of American Avant Garde performance in Europe; contemporary musical stadium productions in Vietnam that replay over social media; original works produced by state run festivals in Egypt and Brazil; and theater productions inside Federal Prisons.

Alongside course work students will be guided through self-directed development of original performances drawing on their own unique interests and lexicons. Each performance cluster will establish a student design team and production team. These teams will be mentored by guest artists and program faculty, and encouraged to pursue collaboration with students and faculty in the broader Harvard community. No previous theater experience is required. Students from other concentrations are strongly encouraged to participate.

Course Notes: **TDM 90BR is required of concentrators and open to other students involved in the TDM spring production (as actors or apprentices on the production team). Participation is limited to students involved with the production, either as performers or as members of the production team. Students who wish to be part of the production team should contact Artistic Producer James Stanley, jamesstanley@fas.harvard.edu**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Theater, Dance & Media 90DR

Harvard Dance Project (160653)

Jill Johnson

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0715 PM
T 0300 PM - 0715 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

The Harvard Dance Project cultivates invention and fosters the courage of artistry. This faculty-led performance company gives students the opportunity to be original cast members and collaborators in diverse dance works created by preeminent professional choreographers. The project focuses on performance research, collaboration, choreographic composition, and links choreographic thinking to other fields. It is a studio-based course which includes performances at major venues on campus. Harvard Dance Project choreographers, collaborators and repertory include: Jonathan Alsberry, Aszure Barton, Brian Brooks, Peter Chu, Chanel DaSilva, Anne Teresa De Keersmaeker, Michelle Dorrance, William Forsythe, Martha Graham, Bill T Jones, Francesca Harper, Miki Orihara, Crystal Pite, Shamel Pitts, Silas Reiner, Dwight Rhoden, Christina Robson, Melinda Sullivan, Clifford Williams. Spring 2020: a world premiere evening-length dance installation at the Dance Center created by Jill Johnson in collaboration with HDP students and interdisciplinary partners.

Course Notes: **Some dance experience required. Students concentrating in Theater, Dance & Media or interested in developing a performance practice encouraged to enroll.**

Enrollment determined by audition during shopping week. Fulfills a TDM requirement. Artistic Director/Course Head: Jill Johnson.

Recommended Prep: **Previous dance experience required.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Theater, Dance & Media 91R

Supervised Reading and Research (160980)

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Theater, Dance & Media concentrators (and others with special permission) may arrange individually supervised reading and research courses; the permission of the Director of Studies is required for these courses.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Not Available for Cross Registration

FAS Course Roll	FAS Course Roll

Theater, Dance & Media 91R

Supervised Reading and Research (160980)

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Theater, Dance & Media concentrators (and others with special permission) may arrange individually supervised reading and research courses; the permission of the Director of Studies is required for these courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Theater, Dance & Media 97

Theater, Dance & Media: See it. Do it. Make Theory. (160648)

Debra Levine

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

What are theater and dance? What is at stake when a performance is live or recorded? How do performers use space, time, and bodies to make meaning? What is the relationship between a performance and a script? Why do performers and audiences gravitate to live arts? How do economic and political circumstances shape live performances? This sophomore tutorial in Theater, Dance & Media provides students with an intellectual and practical foundation to the concentration by exploring these questions and more. Readings will include theoretical texts from Schechner, Phelan, and Chaudhuri, alongside scripts and other performance materials by Kennedy, Bausch, Kaprow, and Smith. Assessments emphasize how to write about performance and how performance serves as a form of criticism.

Course Notes: **Required of all, and limited to, concentrators.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Theater, Dance & Media 98

Junior Tutorial (160647)

James Stanley

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The junior tutorial is a unique opportunity for junior concentrators and tutors to explore creative and critical performance project. The junior tutorial involves studio labs and typically culminates in longer projects, which can be performance-based or critical/historical.

Course Notes: **Required of all, and limited to, concentrators.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Theater, Dance & Media 98

Junior Tutorial (160647)

Julia Smeliansky

2020 Spring (4 Credits) **Schedule:** F 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The junior tutorial is a unique opportunity for junior concentrators and tutors to explore creative and critical performance project. The junior tutorial involves studio labs and typically culminates in longer projects, which can be performance-based or critical/historical.

Course Notes: **Required of all, and limited to, concentrators.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll

Theater, Dance & Media 98 Section: 002

Junior Tutorial (160647)

James Stanley

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The junior tutorial is a unique opportunity for junior concentrators and tutors to explore creative and critical performance project. The junior tutorial involves studio labs and typically culminates in longer projects, which can be performance-based or critical/historical.

Course Notes: **Required of all, and limited to, concentrators.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Not Available for Cross Registration

Theater, Dance & Media 99A

Senior Tutorial: Senior Thesis Project (160704)

Debra Levine

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Supervised individual tutorial in an independent scholarly/critical subject or performance-based project.

Course Notes: **Two terms required of all thesis honors seniors. To enroll, students must have submitted for approval a Thesis Proposal in the spring term of their junior year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Theater, Dance & Media 99A Section: 01

Senior Tutorial: Senior Thesis Project (160704)

Debra Levine

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 30

Supervised individual tutorial in an independent scholarly/critical subject or performance-based project.

Course Notes: **Two terms required of all thesis honors seniors. To enroll, students must have submitted for approval a Thesis Proposal in the spring term of their junior year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Theater, Dance & Media 99B

Senior Tutorial: Senior Thesis Project (160708)

Debra Levine

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Supervised individual tutorial in an independent scholarly/critical subject or performance-based project.

Course Notes: **Two terms required of all thesis honors seniors. To enroll, students must have submitted for approval a Thesis Proposal in the spring term of their junior year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Arts and Humanities

Theater, Dance & Media 109

Beginning Acting Through Scene Study and Monologue Work (207571)

Marcus Stern

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This is a beginning acting class where all the work will be done through scene study and monologue work, using contemporary texts from theater, television and film. The core components of the class are based on "action-based acting" (how one actor is trying to change/effect another actor), practical/functional text analysis, "reading your scene partner" in order to figure out how best to connect with them, and the ability to both self-assess and self-adjust your own acting work. No previous acting experience necessary. Good for those interested in exploring the world of acting for the first time, as well as for directors, writers, designers, dramaturgs, stage managers and other theater practitioners interested in learning about acting and how to work with actors.

Course Notes: **Enrollment to the class for this semester will be a lottery format. The lottery draw for positions in the class will happen towards the end of the first day of class. Those who attend the first day of the class will be eligible for the lottery.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Theater, Dance & Media 111

The Actor in Rehearsal: Practical Techniques (117461)

Karen MacDonald

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 14

An expansion of basic acting techniques, with an emphasis on the actor's work done during rehearsal: creating a character, building a role and finding one's own way of preparing for and making the most of rehearsal time. Actors will use exercises and improvs to help explore character and sharpen instincts, and do monologue and scene work using contemporary texts, both comic and dramatic.

Class Notes: **Digital application is required; please complete survey here https://forms.gle/ttz3iks1HqW2aFGJ8. The digital application will close on Wednesday, Sept. 4th at 7 pm. For further questions, contact: james_montano@harvard.edu**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Theater, Dance & Media 112R

Advanced Acting: Contemporary Texts (122906)

Marcus Stern

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

For actors interested in working in television, film and theater, this is a course of advanced acting techniques using contemporary dramatic texts for scene work. The emphasis is on action based acting and the creation of an acting process that can be specifically tailored to the individual actor. In addition to extensive scene work, the course includes audition techniques, choosing material for auditions, character work (making physical and vocal changes so a character can be different from your regular persona), text analysis, and how to "work from yourself " for more believable acting and vocal training for actors.

Course Notes: **Enrollment determined by audition on the first day of class. Please bring in a memorized and rehearsed contemporary monologue no longer than 2 minutes to audition with on the first day.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

Theater, Dance & Media 115

Acting Shakespeare (119020)

Remo Airaldi

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This course is an intensive study of Shakespeare's dramatic works from the point of view of the actor. It is important to remember that Shakespeare's verse dramas were written to be performed and that only when they are approached this way - as playable, theatrical texts - that they have their maximum impact. Through text analysis, scene study, vocal work, and acting exercises we attempt to find not only the meaning, but the music and theatrical power of Shakespeare's words.

Course Notes: **Enrollment will be determined by an audition during the first class meeting.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Theater, Dance & Media 119

Vocal Production for the Stage (118497)

Erika Bailey

2019 Fall (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Whether one is performing in a play, pitching an idea, presenting research or leading a group, the ability to use one's voice effectively is a primary element in the success of the performance. Using several major techniques of speaking training, students will learn the possibilities, nuances and power of the human voice. The class will explore anatomically, experientially and theoretically, exploring different ways to use the voice to meet specific performance challenges.

Course Notes: **Enrollment determined by short interviews to be conducted on the first day of class.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

Theater, Dance & Media 119B

Vocal Production For Performers (205358)

Erika Bailey

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 14

For students interested in working in theater, film and television, this course is a continued exploration of

vocal production and speech skills. Building on concepts of breath, resonance, and articulation, this course will move on to explore support for vocal extremes, the International Phonetic Alphabet in preparation for dialect work, and the skills necessary for speaking Shakespeare with power and precision. TDM 119 is a suggested but not required prerequisite.

Course Notes: **TDM 119 is a suggested but not required prerequisite.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Theater, Dance & Media 120

What's so Funny?: Introduction to Improvisational Comedy (160654)

Remo Airaldi

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Comedy has often been thought of as the poor relation to Drama but, as Lenny Bruce said, "the only honest art form is comedy because you can't fake it." We will attempt to take comedy seriously by engaging in committed, creative and collaborative "play" that will tap into each student's personal, individual sense of humor. The class will focus on the basics of improvisation: group games, narrative skills, object work, offers, spontaneity, agreement, using the space around you, building on-stage relationships and, eventually, scene work.

Course Notes: **Enrollment will be determined by an interview/audition on the first day of class.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities

Theater, Dance & Media 121M

Introduction to Clown (214574)

Eugene Ma

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

This physically and emotionally rigorous class demands students to fully soften their hard shells, as we rediscover heart muscles that will point us towards the clown: the fully present, uncensored, pre-sexual, child-like state that unleashes our passions, impulses and presence that lets our essence be truly and terrifyingly seen. We will also learn to find games within a performance, to find fun, engaging theater on stage without the need for conflicts! On this journey, we get to slowly uncover one's unique, surprising

and unmistakeable place in the comic world. We are all in search of the sparkle in a clown yet we don't definitively know what a clown is, per se — we just know it when we see one, and respond with a deep belly Ha-Ha and sometimes reflect back on stage with poetic tears from the house.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Theater, Dance & Media 129B

Performing Puppetry (212802)

Kate Brehm

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This laboratory movement course teaches performers how to animate puppets and objects. Students develop a movement skillset different from that of the actor or dancer, specific to the puppeteer. While training students' bodies, the course expands their minds' ability to recognize the potential for liveness in all things and generate story without words. We work with simple objects, solo tabletop puppets, giant ensemble puppets, and bunraku-style dolls.

Similar in format to a dance class, students begin each day with movement exercises training specific puppeteer skills: manipulating energy inside and outside the body; harnessing momentum and suspension; moving body appendages separately from one another; and performing 'invisibly.' Exercises lead into improvisations. Students learn to devise original dramatic material with patterns and movement dynamics in every class. Culminating projects are the performance of solo and group devised scenes.

(This course does not build puppets.)

Course Notes: **This course will be taught by TDM Visiting Lecturer Kate Brehm.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students

Theater, Dance & Media 130R

Directing (123080)

Marcus Stern

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 9

A directing class for directors interested in theater, television and film, as well as for actors, dramaturgs,

designers, and stage managers interested in investigating all aspects of theater. The class accommodates all levels of directing, from first time to advanced directors. It's a course for directors to tell stories. Choreographers interested in theatrical story telling and getting acting values from performers may also find this course useful.

Through constant scene work, students examine how to work with actors, stage stories for clarity and impact, and how to use light and sound to help tell those stories. The central focus is on how a director's personal experiences and/or passions can creatively and concretely shape their story telling. In addition to continuous hands-on directing, students will also study professional theater directors working in a variety of innovative styles. While students must direct some live stage scenes, they may also bring in video or film scenes as part of their class work.

Course Notes: **Enrollment determined by short interviews to be conducted on the first day of class.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Final Assessment Category	Three-hour Exam
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students

Theater, Dance & Media 131

Directing Lab (126812)

Shira Milikowsky

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This class is designed for students interested in expanding their understanding of directing for theater. The course will focus on the work of American experimental theater artists from the 1960's to the present, examining the various ways avant-garde directors and ensembles have experimented with form to seek out radical new modes of storytelling. Students will create work inspired by the artists and productions studied, applying theory to practice in rehearsals and presentations.

Course Notes: **Enrollment determined by short interview on the first day of class.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Theater, Dance & Media 134R

CoLLab: Methods and Practices of Arts Collaboration (212801)

Debra Levine

2019 Fall (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

At this moment in time, to be an emerging performance-based artist, you need to be highly entrepreneurial and distinguish yourself through an innovative and identifiable artistic vision. It helps to have collaborators to accomplish this goal. Young artists working in the live arts are graduating from their university concentrations or conservatory training programs having already consolidated a relationship with other student artist/collaborators with whom they have developed a sustained practice.

At TDM, we want to encourage this model of collaborative autonomy and allow for new models of artistic collaboration in the live arts. CoLLab is designed to provide student artists with the opportunity to nurture and develop a single project and, at the same time, explore a range of collaborative models and roles within that collaboration.

The goal of CoLLab is that: (1.) the proposed project makes significant progress from its current stage of development (though the work does not have to result in a finished project) and (2.) that the collective working on it wishes to explore how or if they may remain affiliated beyond their time in this course and, more specifically, graduation. CoLLab encourages imaginative ways to formulate interdisciplinary collaborations and to assign roles within those collaborative structures.

Collaborative teams will show work several times throughout the semester for in-class critiques with guest artist professional performance makers whose work is based on collective practice. We will also research performance collective models as case studies. Guest artists and case studies will be drawn from the following: 13P (13 mid-career playwrights who organized to produce one another's work) and the WOW Café (a collectively run women's and transgendered people's performance space); Elevator Repair Service, 600 Highwaymen, Debate Society, Movement Theater, Clubbed Thumb, Tectonic Theater Group (US-based theater companies who devise and produce new work); Rimini Protokoll, Forced Entertainment, Lagartijas Tiradas al Sol, and Milo Rau/International Institute for Political Murder/National Theater of Ghent, Belgium (interdisciplinary and transnational performance); Bill T. Jones/Arnie Zane Dance, Julie Tolentino, Chez Bushwick, Trajal Harrell (dance); and interdisciplinary artists who have included performance as a primary mode of their artistic practice and whose work focuses on developing models of transnational and social-practice collaboration, including: Kaneza Schaal and Chris Meyers, Jonathan Berger and Mady Schutzman, Vikram Divecha, Lola Arias, and Jacques Servin (Yes Men).

Course Notes: **To enroll in this class, you need to propose a project (which can be in any stage of development) with a group of peer collaborators whom you are interested in developing a shared artistic vision and set of practices. (All lead collaborators must agree to enroll in the course – total collaborators on a project can vary from 2-5).**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Theater, Dance & Media 142

Practical Tools for Presence: Countertechnique and Dramaturgical Thinking (203636)

Mary Davis

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

This course is a multidimensional approach to cultivating dynamic performance presence through the theory and practice of Countertechnique, developed by choreographer Anouk Van

Dijk. Students will gain practical tools for agile attention while dancing, creating, performing, and problem solving. The course offers the physical practice of Countertechnique and supporting theoretical framework, the Toolbox, in relationship to fostering dramaturgical thinking for the creative process. Praxis components include studying basic anatomy; moving the body through learned exercises, improvisation, and performance; and utilizing the Countertechnique Tools to incorporate information into action. Alongside practicing Countertechnique, we will explore Katherine Profeta's *Dramaturgy in Motion, At Work On Dance And Movement Performance,* which reveals the multivalent approach to the dramaturg's position in contemporary dramaturgy.

Weekly Countertechnique class will follow with discussions, improvisation labs, readings, viewings, and/or outings, which will supplement the movement practice and foster final research and performance projects.

Course Notes: **No dance experience required. Students concentrating in Theater, Dance & Media or interested in developing a movement practice encouraged to enroll.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Theater, Dance & Media 143

GAGA People: Movement Language (204031)

Mario Zambrano

2019 Fall (4 Credits) **Schedule:** MW 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 25

Gaga, the movement language created by Ohad Naharin, former artistic director and choreographer of Batsheva Dance Company in Tel Aviv, is a continuous, sensation-based movement class. Students are encouraged to interpret and experience the somatic practice of listening to the body while activating a total sensorial attention. Gaga offers a creative framework for students to engage with physicality and imagination, bridging the activity between body and mind while increasing physical potential. There are no mirrors in Gaga, and there are no observers. The class moves in continuum without breaks for a minimum of an hour. GAGA People is intended for and welcomes students who have not had any previous dance training.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Theater, Dance & Media 147

Deconstructing the Novel for Choreographic Thinking (204032)

Mario Zambrano

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

This course will assess the structure and thematic elements of a novel as a means to recognize choreographic opportunities and interpretation in prose. Through discussion/analysis of how craft elements such as point of view, tone, voice, characterization, setting, and conflict are implemented in the composition of the novel, we'll consider structures and modalities of how novels are created, and how these structures/elements can be used for choreographic composition in creative processes. Architecture will be used as a reference point from which to orient course research, and passages of the work will inform students composition. By sourcing language—metaphor, style, rhythm—from the novels studied, written and movement exercises will be derived from the content of these works, either structurally, linguistically, or thematically. Novels studied will include: Hullabaloo in the Guava Orchard by Kiran Desai, Homecoming by Yaa Gyassi, Bluets by Maggie Nelson, Veronica by Mary Gaitskill, The Housekeeper and The Professor by Yoko Ogawa, and Tell Me How It Ends by Valeria Luiselli.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

Theater, Dance & Media 149U

Hip Hop Dance: Exploring the Groove and the Movement Beneath and Beyond the Beat (214435)

Aysha Upchurch

2019 Fall (4 Credits) **Schedule:** W 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Having sprawled so far from its geographical roots, Hip Hop music and dance can be seen, taught, and learned in almost every corner of the globe. Indeed this kind of reach hints at a certain inclusivity or open invitation to all -- there seems to be no body that has not seen or even participated in some moment with Hip Hop dance. True to the essence of Hip Hop culture, the dance form continues to define and stretch itself -- sampling and remixing how and where it moves. Yet with all of this expansion, it is important to honor its roots and history -- there is a method to the madness, a rhyme and a reason behind the swag.

This new course will offer students an opportunity to explore the history and technique behind the dance form and culture called Hip Hop. As a studio experience, we will learn techniques from the different foundation forms of the dance -- breaking, popping, locking -- while also exploring choreography and new and old party dances that point to the groove that defines Hip Hop dance. The class is primarily a movement experience, yet we will ground our learning by honoring the historical grounding and criticality necessary to learn and appreciate the art form and culture responsibly. Through movement explorations,

discussions, short readings and film viewings, and engagement with guest lecturers, we will come to understand Hip Hop's power as a critical pedagogy and still have the requisite fun that come with Hip Hop dance.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Theater, Dance & Media 149UB

Performing Culture: Exploring Identity and Power Through Hip Hop Dance (215727)

Aysha Upchurch

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Hip Hop is music, is dance, is commentary, is revolution, is a way of being, is culture. The roots of Hip Hop are steeped in the traditions of the African Diaspora. So what of these roots remain as Hip Hop dance simultaneously allows itself to push across borders with other genres and is pulled into spaces for commercial and popular appeal? What does it mean to perform Hip Hop dance as an expression of culture that one may or may not be a part of? How is Hip Hop dance an embodied social critique on power? How does Hip Hop dance embrace diverse identities while also asserting and preserving its own?

In this new course, students will have an opportunity to engage these questions as they study and explore Hip Hop dance technique and history. Through a mix of learning activities that allow for skill development, dialogue, and engagement with artists/practitioners, students will investigate what it means to participate in or perform Hip Hop dance with an intentional eye on how it defines and intersects with various cultures, empowers identities, and interrogates power dynamic. Students will track their own progress with skills through a Movement Diary, while conditioning and flexing critical analysis muscles through group discussions, film assignments, and choreography projects. The course promises to be a boat load of "conscious fun."This course is a 70-30 split on time moving versus time in discussion.

Course Notes: **No dance experience required. Students who took TDM149U are eligible to enroll. Students concentrating in Theater, Dance & Media or interested in developing a movement practice encouraged to enroll.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students
FAS Course Roll	FAS Course Roll

Theater, Dance & Media 150

Directorial Concepts and Set Design of the 20th and 21st Centuries (110319)

Julia Smeliansky

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

In this course, students will study the work of the great 20th and 21st century auteur directors and set designers. Students will explore a range of artistic movements including Constructivism, Futurism and Dada, and discuss how the theater became a place to experiment with the concepts and discoveries of these movements. Examining primary source materials in the Harvard Theatre Collection, students will research the work of artists including Gordon Craig, Richard Wagner, Leon Bakst, Pablo Picasso, Konstantin Stanislavsky and Vsevolod Meyerhold. The course will also focus on the work of such contemporary directors and designers as Robert Wilson, George Tsypin, and Robert Lepage.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Theater, Dance & Media 151

Design Foundations: Scenography Studio (109545)

Amy Rubin-Higgason

2020 Spring (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course explores the foundational tools and concepts for set, light, and costume design. Students will be introduced to the foundational skills of scenography through a series of design projects that employ a variety of strategies for communicating designs including manual (diagramming, researching, drawing, painting, model making) and digital media (image manipulation, CAD). Students should not expect a technical survey, but rather an exploration of how visual elements shape a given performance. Projects will be complimented by study of theories and practices of Richard Kelly, Adolph Appia, Bertolt Brecht, and others.

Course Notes: **This course will be taught by Lecturer Amy Rubin**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Theater, Dance & Media 155 Section: 00

Techniques in Theater Design and Technology (205360)

Andrew Gitchel

Kathryn Nakaji

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This course provides a foundation of theater technology knowledge that can be built upon throughout students' theater careers. This class will cover the basics of technical theater history, in addition to working hands-on with current technology. Students will become familiar with standard paperwork, safe practices,

and working standards in the theater industry, as well as creative problem-solving through in-class projects.

Course Notes: **Additional Lab section will be scheduled on Fridays at time TBD.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	Primarily for Undergraduate Students

Theater, Dance & Media 158A

Transformative Design (214575)

Dede Ayite

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

The class begins with the premise, following the great director Peter Brook, that all that is truly needed to tell a great story is an actor and an audience. And then it asks, what is design for the stage and what can it do? The class explores how design is that visual and material element that can not only amplify, interpret and extend the message of the production to the viewer through delight and astonishment— design (a costume, a prosthetic, a material prop or piece of scenery) can also transform the performer and shift the very terms of representational embodiment. For the actor, design can change one's understanding of the physicality and the intellectual and emotional life of the character she or he is engaged to portray.

Transformative Design is rooted in the principles of theatrical design practice as a process to explore the breadth of these questions. The pedagogical approach of the class is for the professor to first demonstrates the design process that a costume designer undertakes, from start to finish. Ayite will use a production for which she has been the lead designer to show how to read and research an existing dramatic text as a designer and how to manifest the vision of other lead artists – director, choreographer, dramaturgs and actors – in visual terms. Student will learn how to sketch and build costumes to transform the performer's body, and how to work as a collaborator throughout the rehearsal process. After carefully following the steps of a professional costume designer preparing for a theatrical work, students in the class will then emulate what they have been taught and take on an individual design project from start to finish under Ayite's supervision.

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students

Theater, Dance & Media 161 Section: 0010

Live Art from Archival Sources: Devised Theater Workshop (203537)

James Stanley

2020 Spring (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 18

How can vinyl records, legal transcripts, classic movies, home recordings, 19th century burlesque routines, archival objects and old photographs become the raw materials for some of today's most compelling theater? And how do these works ask audiences to reconsider our inheritance of the past, creating a dialogue between the past and the present? This course focuses on theater-makers and processes of production that turn objects, archives and cultural data from the past into vibrant forms of contemporary performance. In the first half of the course, we will explore works by Tina Satter, Alison S. M. Kobayashi, the Wooster Group, Joshua Gelb and Nehemiah Luckett (among others), meet with these artists to discuss their processes, and take a deep dive into our own archives at the Harvard Libraries. Moving from theory to practice, we will then devise our own solo and collaborative works based on objects and artifacts of our choosing. This course is for writers, directors, designers and performers willing to work across disciplines.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities

Theater, Dance & Media 164H

Playwriting: Ritual Practice and Curious Worlds (207819)

Phillip Howze

2019 Fall (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

A play is a new world in and of itself. What sorts of strange, curious worlds are theater makers crafting today? What approaches are they taking to create these worlds?

In this new playwriting course we will explore both text and non-texts, the wild (as well as the conventional) to discover what drives contemporary plays, devised works, and performance today.

We will discuss the practices employed by various playwrights and directors—particularly women and artists of color—and try our own hand at some of these approaches. In addition, we will see live performances in realtime; engage special guest/visiting artists; collaborate with fellow classmates; and expand our curiosities.

Most importantly, we will write. This is an exploratory writing workshop with a focus on generating new material. By the end of the semester, you will have created a portfolio of new works, ideas, processes and rituals.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll

Theater, Dance & Media 165H

Playwriting: Intersecting Americas (211184)

Phillip Howze

2020 Spring (4 Credits) **Schedule:** R 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

"Look around, look around at how lucky we are to be alive right now!", exclaim The Schuyler Sisters in Lin-Manuel Miranda's HAMILTON. History is happening. This new writing workshop will engage what is happening and what has happened by examining texts, theater-making and live arts through the lens of singular periods in America's modern social history. We will explore form in frames of the twentieth century (for example, early AIDS-era) as well as in the contemporary moment (Black Lives Matter).

We will look primarily at writers of the Americas, but also beyond. We will write collisions and collusions, interrogating spaces across discipline and tradition. In addition to expanding our writing and reflective practice, we will undertake experiments in participation, spectatorship, and collaboration to question: how have theater makers been in conversation with their time and times?

Course Notes: **Though there is no prerequisite for this course, this is a complementary class that can be taken along with Playwriting: Ritual Practice and Curious Worlds, offered in Fall 2018.**

Additional Course Attributes:

Attribute	Value(s)
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Arts and Humanities

Theater, Dance & Media 167L

Digital Media Performance (213648)

Young Joo Lee

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

Digital media performance has a long history in its content, form and technology; starting from Winsor McCay's performance with the projection of Gertie the Dinosaur animation to the more recent Virtual Reality performances using advanced computer technology. This studio-based seminar explores different forms of digital media performance focusing on the specific research themes, largely divided into body, time and space, developed by each student/student group.

We will read and watch examples of relevant art works and analyze the technological aspects and conceptual background of these works. Reflecting on the discussions and prompts provided in the class, students will find their own research theme which will then be developed into a digital media performance project or a proposal for a project. Critique and presentation of the students' works are essential part of the class.

Depending on the student's interests and background, Unity 3D and After Effects tutorials will be taught in the class.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

FAS: Course Level	Primarily for Undergraduate Students

Theater, Dance & Media 169C

Uproot Aesthetics: Interdisciplinary Temporalities in Performance (212803)

Jace Clayton

2019 Fall (4 Credits) **Schedule:** M 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 14

Dancers engage with time in one way, actors another, software coders yet another. In this studio-based seminar we will develop a performance work powered by these very differences, using a generative crosstalk between disciplines. The practical and theoretical course begins with the notion that the colonial encounter in the Americas can be thought of as clash between incompatible conceptions of time, when various indigenous temporal philosophies and archives were largely destroyed. Examining scholarship about the era alongside texts on nonlinear new media techniques, we will investigate historical and artist-led 'dissonant temporalities' to inform the creation of our own. How might the subjective time experienced by performers challenge - or alter - the objective time of history? What insights can collective performance give to understanding the changing roles of narrative, historiography, and affective urgencies? Can Elias Canetti's claim that "a civilization comes to an end when a people no longer takes its own chronology seriously" be understood as a post-colonial promise rather than a post-Enlightenment threat? If time is the core material of performance, then how might participating in its flow refine our ability to communicate and transform contemporary subjectivity?

Course Notes: **This course will be taught by TDM Visiting Lecturer Jace Clayton. The class will meet on Mondays, from 12:30PM-2:45PM.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Course Roll	FAS Course Roll
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	Primarily for Undergraduate Students

Theater, Dance & Media 169L

Immersive Storytelling Using Mixed Media (208156)

Young Joo Lee

2019 Fall (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 10

This course is a studio-based class about storytelling using mixed media: video, performance, drawing, text, sound and virtual reality. We will examine different ways in which artists used visual language to tell stories. Starting with the history of immersive media, the class will study the relationship between visual language and technological development. We will screen examples of relevant contemporary art works and analyze the technological aspects and conceptual background of these works. Utilizing video, performance, drawing, sound, text and virtual reality, students will develop projects, reflecting on the discussions in the class. Critique and presentation of the students' works are essential part of the class.

Students are required to attend the Coding Workshop for Artists series, held on September 26-27, 6-9pm, and October 16, 3-6pm (during class time) and October 17, 6-9pm, at the Derek Bok Learning Lab.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
All: Cross Reg Availability	Available for Harvard Cross Registration

Theater, Dance & Media 173X

Acting and Authenticity (156461)

David Levine

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 12

This studio-based seminar examines the concept of "building a character" and pushes it towards performance art. While acquiring Stanislavski- and Method-based acting techniques, students will also consider psychological realism in light of philosophical, psychological, sociological and scientific notions of authenticity and falsehood, presence, mimesis, identity, and empathy. What does it mean to turn into someone else? How total is the transformation? What are the implications for our understanding of the individual? What does "realist acting" mean in an era of AI, social media, and motion capture? The seminar involves both readings and exercises, and culminates in a final project where participants turn into each other.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Theater, Dance & Media 179P

Selfies: Solo and Verbatim Performance (214588)

Elizabeth Phillips

2020 Spring (4 Credits) **Schedule:** R 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course will explore performances of the self--both storytelling and the first personal monologue, and documentary theater and third person verbatim performances. Each seminar will be divided between theoretical and critical discussion of plays and performances--with particular attention to themes of gender and sexual identity, race, community building, and US politics--and a studio practicum in which students will perform their own stories and the stories of others. For the final assignment, students will create either a one-act length verbatim/documentary performance or a one-act length solo show. Course materials will include plays and performances by artists including Heidi Schreck, Anna Deavere Smith, Alan Rickman and Katherine Viner, Erin Markey, Diana Oh, Lily Tomlin, Moises Kaufman, Doug Wright, Joe Salvatore/NYU Verbatim Performance Lab, and The Civilians.

Course Notes: **TDM 179P Is crosslisted with ENGLISH 90TC.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Theater, Dance & Media 194

The Making of a Musical: The Creative Process (205365)

Ryan McKittrick

Diane Paulus

2020 Spring (4 Credits) **Schedule:** W 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

This course introduces students to the collaborative process of creating a new musical by analyzing the real time development of world premiere musicals at the American Repertory Theater. In addition to these case studies, the course will examine other existing American musicals including *West Side Story*, *Assassins*, *Pippin* and *Waitress*. Through readings by historians, theorists and practitioners and visits from artists and professionals across the field, students will learn about the key components of a musical including: book and adaptation; music and lyrics; choreography; and visual design. There will also be a class devoted to the art of producing and the business of musical theater.

Over the course of the semester, students will develop a vision and "pitch" for their own musical project. As a final assignment, the class will collaborate on creative presentations drawn from the proposed musical projects.

Class Notes: **This course will meet from 12:00-2:00PM**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS Course Roll	FAS Course Roll

Ukrainian Studies

Subject: Ukrainian Studies

Ukrainian Studies 200A

Ukrainian Studies: Seminar (122758)

Serhii Plokhii

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Interdisciplinary seminar in Ukrainian studies with broad regional and comparative perspective. Faculty and invited scholars discuss a variety of topics in the humanities and social sciences. Background readings and follow-up discussions help students put the specific lectures in broader context. Students also conduct an individually tailored reading and research project under the guidance of a faculty advisor and in consultation with other resident specialists. Part one of a two part series.

Additional Course Attributes:

Attribute	Value(s)
Full Year Course	Divisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
FAS Divisional Distribution	None

Ukrainian Studies 200B

Ukrainian Studies: Seminar (159859)

Serhii Plokhii

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Interdisciplinary seminar in Ukrainian studies with broad regional and comparative perspective. Faculty and invited scholars discuss a variety of topics in the humanities and social sciences. Background readings and follow-up discussions help students put the specific lectures in broader context. Students also conduct an individually tailored reading and research project under the guidance of a faculty advisor and in consultation with other resident specialists. Part two of a two part series.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Graduate Students
Full Year Course	Divisible Course
FAS Divisional Distribution	None

Women, Gender, and Sexuality, Studies of

Subject: Women, Gender & Sexuality

Women, Gender & Sexuality 91R

Supervised Reading & Research (117918)

Caroline Light

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 1

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

Women, Gender & Sexuality 91R Section: 1

Supervised Reading & Research: Engaged Scholarship (117918)

Michael Bronski

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 1

This supervised reading and research course is open to students from any field/concentration interested in conducting community-based research related to gender and/or sexuality and seeking to combine civic engagement with guided reflection and analysis.

Applications will be available on the WGS website in Fall 2019.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Women, Gender & Sexuality 97

Tutorial - Sophomore Year (120677)

Linda Schlossberg

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An introduction to foundational concepts and skills in the study of gender and sexuality. Readings include Gloria Anzaldúa, Donna Haraway, Patricia Hill Collins, Kimberlé Crenshaw, Monique Wittig, Alison Bechdel,

Chandra Talpade Mohanty, and Michel Foucault.

Course Notes: **Required of Women, Gender, and Sexuality concentrators in their first year in the concentration. Recommended for undergraduates pursuing a secondary field in WGS.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Women, Gender & Sexuality 98F

Tutorial - Junior Year: Research and Methods (109933)

Sarah Richardson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The course is organized to support student success in writing a junior research paper. We will read a variety of texts and interrogate closely how topics are approached in literary and cultural studies, in social and historical studies, and in life-sciences, in order to become prepared to discuss critically different methodological approaches and theoretical frames. Students will also work in small groups with a tutor, who will guide them through their research and writing on the particular topic of their interest.

Course Notes: **WGS Juniors are expected to take 98s in the spring term. This course is only open to students planning to be on leave in the spring term of the junior year. Permission from the DUS in WGS and updated plan of study required.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Undergraduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Women, Gender & Sexuality 98S

Tutorial - Junior Year: Research and Methods (122980)

Sarah Richardson

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The course is organized to support student success in writing a junior research paper. We will read a variety of texts and interrogate closely how topics are approached in literary and cultural studies, in social and historical studies, and in life-sciences, in order to become prepared to discuss critically different methodological approaches and theoretical frames. Students will also work in small groups with a tutor, who will guide them through their research and writing on the particular topic of their interest.

Course Notes: **Required of all Honors concentrators in their junior year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Women, Gender & Sexuality 99A

Tutorial - Senior Year (119201)

Linda Schlossberg

2019 Fall (4 Credits) **Schedule:** F 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Both WGS 99a and 99b are required of all honors concentrators in their senior year.**

Class Notes: **Fall 2019 First Meeting Location:**
Boyleston Hall G02 from 10:00 AM - 12:00 PM:
- Friday, September 6, 2019

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	Primarily for Undergraduate Students

Women, Gender & Sexuality 99B

Tutorial - Senior Year (117064)

Linda Schlossberg

2020 Spring (4 Credits) **Schedule:** F 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Both WGS 99a and 99b are required of all honors concentrators in their senior year.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students
FAS Divisional Distribution	Social Sciences

Women, Gender & Sexuality 99B

Tutorial - Senior Year (117064)

Linda Schlossberg

2019 Fall (4 Credits) **Schedule:** F 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Both WGS 99a and 99b are required of all honors concentrators in their senior year.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Primarily for Undergraduate Students

Women, Gender & Sexuality 1127

Beyond the Sound Bite: Women, Gender, and Sexuality in The Daily News (108619)

Alice Jardine

2019 Fall (4 Credits) **Schedule:** T 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 36

We are bombarded by sound bites from all over the globe, moving at disorienting speeds, reorganizing our relationship to time and space with increasingly dystopic results. This course will focus on selected televisual and digital events in "real time" from September-December 2019. We will analyze the embedded bits of gender and sexuality always at work in the representations of those events. Topics include: politics, the environment, military adventures, and popular revolt in dialogue with important texts in WGS Studies.

Course Notes: **Weekly lecture and a one hour section to be arranged.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences

Women, Gender & Sexuality 1204

Power, Knowledge, Identity: Critical Approaches to Race and Ethnicity (208114)

Eleanor Craig

2020 Spring (4 Credits) **Schedule:** TR 1030 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

How might critical attention to race and ethnicity as they intersect with gender and sexuality—and also frameworks of indigeneity and class—shape how we study? How do these lenses shift the questions we ask, the information that counts as data, and the genres of work that we recognize as 'academic'?

For those newer to studies of race and ethnicity, this course provides intersectional frameworks for recognizing what assumptions undergird academic projects and fields of study. For those familiar with ethnic studies, it aims to serve as a 'Theories and Methods' course, providing tools and strategies for refining one's own interdisciplinary inquiries.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Arts and Humanities
FAS: Course Level	For Undergraduate and Graduate Students

Women, Gender & Sexuality 1206

Sex, Gender, and Afrofuturism (212895)

Robert Reid-Pharr

2020 Spring (4 Credits) **Schedule:** M 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 30

The explosion of interest in Afrofuturism in the last two decades speaks to an ever more urgent desire to understand how people of color project themselves into narratives of both the future—and the past. Moreover, the work of Afrofuturist intellectuals has been profoundly concerned with matters of gender and sexuality. Indeed, examinations of inter-racial and inter-species "mixing," alternative family and community structure, and disruptions of gender binaries have been central to Afrofuturist thought. In this course we will examine these ideas both historically and aesthetically, asking how the large interest in Afrofuturism developed from the early part of the twentieth century until now. Focusing primarily on science fiction and fantasy literature, the course will treat a broad range of artists including, W.E.B. DuBois, George Schulyer, Marlon James, Octavia Butler, Andrea Hairston; Nalo Hopkinson; N.K. Jemisin, Nnedi Okorafor, and others.

Course Notes: **And a one hour section to be arranged.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Women, Gender & Sexuality 1210FT Section: 01

Feminist Theory as Critique (142819)

Afsaneh Najmabadi

2019 Fall (4 Credits) **Schedule:** M 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course begins with feminist critical engagements with other theories and practices, including Marxism, psychoanalysis, and Foucault. It will then move on to debates and discussions within feminism, as well as intersections of feminist theory with other theories including sexualities studies, post-colonial/trans-national studies, transgender studies. One of the major concerns of the course is the relationship between feminism, theory, and politics. Throughout the course, we will discuss the contemporaneous movements that intersected with emergence of these theoretical concerns.

Course Notes: **This course fulfills the theory requirement for the undergraduate concentration in Studies of Women, Gender, and Sexuality.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Sexuality 1210QT

Theories of Race and Sexuality (156043)

Robert Reid-Pharr

2020 Spring (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Emphasizing the development of (transgressive) discourses of gender and sexuality within communities of color, this course will examine key contemporary texts addressing transgender identity, H.I.V./A.I.D.S., abjection, queer of color critique, reproduction and pornography. We will explore the work of: C. Riley Snorton, Dagmawi Woubshet, Darieck Scott, Sharon Holland, Roderick A. Ferguson, Jose Munoz, Samuel Delany, Jennifer C. Nash, Jasbir Puar, and more.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Women, Gender & Sexuality 1214

Solidarity: Transnational Women's Rights from Suffrage to NGOs (212893)

Durba Mitra

2020 Spring (4 Credits) **Schedule:** T 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

"Solidarity" takes an intersectional approach to the study of women's and sexual rights in transnational perspective from the late nineteenth century until today. In this course, we will explore how American feminism, particularly through the fight for women's suffrage, set the agenda for issues of equality and sexual rights around the world, often in complex and contradictory ways. Through a semester-long engagement with Schlesinger Library collections on transnational feminist and women of color feminisms, we will investigate feminist links to and critiques of the imperial project – from anti-trafficking campaigns in colonial and postcolonial India, to transnational feminist labor movements in the Philippines and Bangladesh, to the wars in Vietnam, Afghanistan, and Iraq. Together, we will think about the complex relationship of feminism and war, the place of feminist thought in debates about incarceration and immigration, and the contradictory role of feminism in global movements for rights.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Sexuality 1217

Psychology of the Gendered Body (205489)

Nicole Noll

2019 Fall (4 Credits) **Schedule:** R 1200 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Our perceptions of gender—our own and others'—powerfully shape our embodied experiences and behaviors. This course examines the embodiment of gender via the lens of psychological science. We will begin by exploring recent research related to gender and the body, and then study the underlying psychological mechanisms that influence our self-perceptions about gender. Our disciplinary foundation in psychological science will allow us to complicate current understandings of gender and embodiment by considering factors such as sex, race, sexuality, experience, intention, and awareness.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students

Women, Gender & Sexuality 1225

Leaning In, Hooking Up: Visions of Feminism and Femininity in the 21st Century (159887)

Phyllis Thompson

2020 Spring (4 Credits) **Schedule:** W 0300 PM - 0515 PM

Instructor Permissions: Instructor **Enrollment Cap:** n/a

What does it mean to "do" feminism, or to "be" a feminist in the 21st-century United States? What can we make of the dominant social expectations for a woman's life? This course explores contemporary ideals of feminine success, including their physical, familial, professional, and political manifestations. We will engage with highly-contested topics—including sexual violence and Title 9; work-life balance; the imperatives of self-care and presentation; and new models for sexuality, reproduction, family, motherhood, and domestic life—using the tools of theory and cultural studies to interrogate their framing within popular discourse. Throughout, we will critique ideological formations of gender, particularly as bounded by race, class, and sexuality.

Course Notes: **Weekly lecture plus an additional one hour section to be arranged.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences

Women, Gender & Sexuality 1235

Gender and Language (207785)

Jessica Taylor

2019 Fall (4 Credits) **Schedule:** T 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 40

In this course we examine some key questions about how language and gender work together in the world. What does it mean for language to be gendered? Are there "male" and "female" ways of speaking? Can language reinforce the patriarchy? Is gender something we express or something we build in interaction? How does gender intersect in language with other social identities like ethnicity, race, class, religion, and sexuality? How can we understand gendered language beyond the binary? The course focusses on language as a practice, as well as a system of representation. We consider words, conversations, and embodied interaction and draw on scholarship on language use around the world.

Course Notes: **And a one hour section to be scheduled.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences

Women, Gender & Sexuality 1247

I Will Survive: Women's Political Resistance Through Popular Song (156084)

Michael Bronski

2019 Fall (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 75

This course will examine how women, through popular music, have articulated a clear political analysis of their oppression that has reached large audiences and become foundational to American culture. We will begin with African-American blues in the early 20th century and move through jazz, torch singing, folk, girl groups, disco, and contemporary song. Along with music readings we will include biographical, historical, and critical texts that will place these women in their artistic and political contexts. Performers studied will include, among others, Bessie Smith, the Boswell Sisters, Billie Holiday, Marian Anderson, Peggy Lee, Joan Baez, Gloria Gaynor, and Amy Winehouse.

Course Notes: **Weekly lecture and a one hour section to be arranged.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Women, Gender & Sexuality 1273

Black Masculinities (203219)

Robert Reid-Pharr

2019 Fall (4 Credits) **Schedule:** T 0945 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 18

With particular emphasis on mid-twentieth century American culture, this seminar will examine complex - and often contradictory - iterations of race and gender in works of literary and visual culture produced by and about African American men. We will explore the work of: Shirely Clarke, Chester Himes, Iceberg Slim,

Alice Walker, Melvin Van Peebles, Samuel Delany, James Baldwin, Robert Deane Pharr, Eldridge Cleaver, Amiri Baraka, and more.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students

Women, Gender & Sexuality 1274

Gender, Race, and Poverty in the United States (207786)

Marya Mtshali

2020 Spring (4 Credits) **Schedule:** TR 0430 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course investigates the realities of poverty through an intersectional lens, meaning that we will consider the simultaneous impact of race, gender, sexuality (and other identities) on economic insecurity. In what ways are conversations about poverty and its causes infused with assumptions and stereotypes related to gender, race, and sexuality? We hear so much in the media about what causes poverty – what is reality and what is myth? How do these myths operate to reinforce and sustain economic inequality? Who and what gets left out of the conversation about poverty? Topics in the course include historical understandings of poverty; intergenerational class mobility; depictions of poverty in pop culture; and bringing attention to populations that often get left out of mainstream conversations about poverty.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences

Women, Gender & Sexuality 1278 Section: 1

Interracial Intimacy: Sex, Race, and Romance in the U.S. (215756)

Marya Mtshali

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0545 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

What assumptions about race and sex are embedded in the term "interracial," and why are different types of interracial relationships viewed differently? How did White fears of relationships between Black men and White women influence the creation of the Ku Klux Klan? How did the story of Pocahontas influence the development of a settler colonial state? This course investigates the significance of interracial intimate relations throughout United States history and through the lens of race, class, gender, and sexual orientation. Although interracial intimate relations (consensual and non-consensual) predate the nation's founding, they have been considered taboo throughout most of American history. From Sally Hemings and Thomas Jefferson to Meghan Markle and Prince Harry, we will analyze how social perceptions of these

relationships shift over time, as well as the economic and legal implications of interracial intimacy in the construction of the U.S. as a nation-state.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Sexuality 1283

Love's Labors Found: Uncovering Histories of Emotional Labor (207804)

Caroline Light

2019 Fall (4 Credits) **Schedule:** R 0900 AM - 1145 AM

Instructor Permissions: Instructor **Enrollment Cap:** 15

How do love, care, and desire influence the value of work, and why is emotional labor – which is vital to child or elder care, domestic labor, nursing, teaching, and sex work – often considered to be something other than work? How and why do the racial and gender identities of workers affect the economic, social, and emotional value of their labor? How do political and social arrangements of labor help produce and reinforce racial categories while solidifying the boundaries separating masculinity and femininity? Through a mix of primary and secondary sources, this seminar explores histories of emotional labor and the power structures that give meaning to often taken-for-granted categories of work. These sometimes hidden histories are key to untangling the gender, sexual, and racial implications of the "intimate industries" that populate today's transnational labor economies.

Course Notes: **This course, when taken for a letter grade, counts as a portal course for the secondary field in Ethnicity, Migration, Rights (EMR).**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Arts and Humanities
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Sexuality 1413

Friendship as Way of Life (212892)

Afsaneh Najmabadi

2019 Fall (4 Credits) **Schedule:** W 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course will begin with Foucault's essay, "Friendship as a Way of Life." It will discuss the contemporary context of new engagements with and interests in friendship. We will then look at differing concepts and practices of friendship, and their work in shaping social sentiments and political affects in Euro-American context. Readings will include Plato, Montaigne, Bray, Marcus, Foucault, and Miller.

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	Social Sciences
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students

Women, Gender & Sexuality 1426

The Sexual Life of Colonialism (212894)

Durba Mitra

2020 Spring (4 Credits) **Schedule:** M 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

Sexuality has long shaped racial and civilizational assessments of what it means to be modern. In this course, we will investigate the role of colonialism in racial imaginations of gender and sexuality and how these histories shape contemporary understandings of LGBTQ politics, reproductive and sexual rights, and anti-colonial resistance around the world. We will explore histories of sexual control, colonial and racial difference, and marginalized and queer sexualities in colonial and postcolonial spaces, including parts of West Asia, South Asia, and Sub-Saharan Africa. The course will cover many forms of sexuality, including interracial relationships between colonizer and colonized peoples, questions of sexual violence, queer and same-sex desires, sexual outcasts like "prostitutes" and transgender peoples, and the politics of gender difference and LGBTQ rights in the postcolonial world.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	For Undergraduate and Graduate Students
FAS Divisional Distribution	Social Sciences

Women, Gender & Sexuality 1455

Women, Men, and Other Animals (213362)

Mel Chen

2020 Spring (4 Credits) **Schedule:** T 0300 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This course explores ways in which human collectives have conceived of other animals, whether in analogical relations for scientific research, exploitative relations for food and labor, affective relations like fear, disgust, love. What are some histories of these unique interdependencies between human animals and nonhuman animals? We will critically explore the relentless and yet slippery divisions between humans and nonhuman animals, seeing them as a falsely singular, conflictual and segregatory divide that has played historical roles in intrahuman violence as well as in the rhetoric, images and institutions of settlement, colonialism and capitalism. We will see ways in which the difference schemes of seeming givens of gender, sexuality, race, nationhood, and ability carry these legacies and obscure other ones that honor and redeem the lives of nonhuman animals. Informing many human/animal divides are binary relations of mind/body, man/woman, light/dark, modernity/tradition, West/rest, civilized/barbarian. Yet it is also evident that animals do not only carry these legacies and burdens; "they" are not simple metaphors nor are they wearers of mere signs for human meaning. They act in a world that is also theirs, and refuse the orders of being imposed on them. Our primary and secondary readings are drawn from queer and trans studies, philosophy, feminist science studies, indigenous studies, fiction, film, activist movements, and more. This

is a heavily discussion-based course; we will together learn to be "animal critics" of many phenomena, including the readings themselves, all of which need interpretive augmentation and critique in a given place and time.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences
FAS: Course Level	For Undergraduate and Graduate Students

Women, Gender & Sexuality 2000

Live Theory (and Practice): A Graduate Proseminar in WGS Studies (122276)

Alice Jardine

2020 Spring (4 Credits) **Schedule:** T 1200 PM - 0200 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

This newly designed WGS Graduate Proseminar, offered for the first time this spring term, will emphasize in-depth, lively conversations with WGS faculty about the interdisciplinary innovations of WGS Studies today, with singular attention to current debates in feminist and queer theories and practices. Each week, one member of the WGS faculty will guide the seminar in wide-ranging conversation about their own intellectual formation, about their own field of expertise, and about where and how their own writing fits into the larger intellectual itinerary of WGS Studies. Discussions focused on the intellectual history of WGS Studies as well as on matters of writing, teaching, and professional development will frame the course. Visiting faculty members include Robin Bernstein, Michael Bronski, Mel Chen, Caroline Light, Durba Mitra, Robert Reid-Pharr, Sarah Richardson, and Linda Schlossberg.

Course Notes: **Open to advanced undergraduates and to graduate students from all schools and disciplines.**

Is required for the WGS graduate secondary field.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Women, Gender & Sexuality 2051

In These Times: Queer, Feminist, Experimental Methods (213363)

Mel Chen

2020 Spring (4 Credits) **Schedule:** R 1245 PM - 0245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 15

"These times" mark a particular nexus of, on the one hand, work marked as engaged with the politics of "difference" in the university, and on the other, a congealing of felt urgencies in the translocal spheres of life and politics. How might writers and thinkers serve, fuel, and legitimate forms of experiment in these times? What are ways to conceive of both "experiment" and "these times" in relation to our own work, work which inevitably emerges from lives in context? In this seminar, we will take an open-ended approach (our

own experiment) to experimental method in absorbing, testing, weighing, utilizing, inventing, and restaging, arguably experimental work in queer, feminist, trans, and critical race scholarship, written in its times. Possible readings include: Omise'ke Natasha Tinsley, Trinh T. Minh-ha, Riley Snorton, Jacqui Alexander, Saidiya Hartman, Eva Hayward, Roderick Ferguson, Judith Butler, Fred Moten, Gloria Anzaldua.

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Primarily for Graduate Students
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS Divisional Distribution	Social Sciences

Women, Gender & Sexuality 3000

Reading and Research (125683)

Robin Bernstein

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Open only by petition. Applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
No FAINFO	300 or 3000 level class, do not generate FAINFO

Women, Gender & Sexuality 3000

Reading and Research (125683)

Robin Bernstein

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 4

Course Notes: **Open only by petition. Applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Women, Gender & Sexuality 3000 Section: 002

Reading and Research (125683)

Alice Jardine

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Open only by petition. Applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Women, Gender & Sexuality 3000 Section: 002

Reading and Research (125683)

Alice Jardine

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Open only by petition. Applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None

Women, Gender & Sexuality 3000 Section: 003

Reading and Research (125683)

Afsaneh Najmabadi

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Open only by petition. Applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Women, Gender & Sexuality 3000 Section: 003

Reading and Research (125683)

Afsaneh Najmabadi

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Open only by petition. Applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Women, Gender & Sexuality 3000 Section: 004

Reading and Research (125683)

Michael Bronski

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Open only by petition. Applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course

Women, Gender & Sexuality 3000 Section: 004

Reading and Research (125683)

Michael Bronski

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Open only by petition. Applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

FAS Divisional Distribution	None

Women, Gender & Sexuality 3000 Section: 005

Reading and Research (125683)

Robert Reid-Pharr

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Open only by petition. Applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration

Women, Gender & Sexuality 3000 Section: 005

Reading and Research (125683)

Robert Reid-Pharr

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Open only by petition. Applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Women, Gender & Sexuality 3000 Section: 006

Reading and Research (125683)

Durba Mitra

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Open only by petition. Applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Women, Gender & Sexuality 3000 Section: 006

Reading and Research (125683)

Sarah Richardson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Open only by petition. Applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration

Women, Gender & Sexuality 3000 Section: 007

Reading and Research (125683)

Sarah Richardson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Open only by petition. Applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS Divisional Distribution	None
All: Cross Reg Availability	Not Available for Cross Registration
FAS: Course Level	Graduate Course

Women, Gender & Sexuality 3000 Section: 007

Reading and Research (125683)

Durba Mitra

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Course Notes: **Open only by petition. Applicants for admission should first confer with the Director of Graduate Studies.**

Additional Course Attributes:

Attribute	Value(s)
FAS: Course Level	Graduate Course
All: Cross Reg Availability	Not Available for Cross Registration
FAS Divisional Distribution	None

Women, Gender & Sexuality 3010A

Supervised Reading and Research-GenderSci Lab. Part one of a two-part series. (213359)

Sarah Richardson

2019 Fall (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The GenderSci Lab supports graduate students working at the intersection of the sciences and gender studies. The lab offers interdisciplinary training in theories and methods for the critical intersectional study of sex/gender in biology, medicine, public health, and the social sciences. Students participate in collaborative research, contribute to peer-reviewed publications, and engage in public outreach.

Course Notes: **Contact the WGS Director of Graduate Studies for application information. Approval is required prior to registration.**

The GenderSci Lab is a year-long commitment. Students are expected to enroll in 3010a and 3010b in the same academic year.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences

Women, Gender & Sexuality 3010B

Supervised Reading and Research-GenderSci Lab. Part two of a two-part series. (213360)

Sarah Richardson

2020 Spring (4 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

The GenderSci Lab supports graduate students working at the intersection of the sciences and gender studies. The lab offers interdisciplinary training in theories and methods for the critical intersectional study of sex/gender in biology, medicine, public health, and the social sciences. Students participate in collaborative research, contribute to peer-reviewed publications, and engage in public outreach.

Course Notes: **Contact the WGS Director of Graduate Studies for application information. Approval is required prior to registration.**

The GenderSci Lab is a year-long commitment. Students are expected to enroll in 3010a and 3010b in the same academic year

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
FAS: Course Level	Graduate Course
FAS Divisional Distribution	Social Sciences