



HVERFORD

COLLEGE

FALL 2024 COURSE GUIDE

Even though this document is updated often, the contents within may not accurately reflect the courses offered and the number of students enrolled for the term.

For questions, please contact the Registrar's Office:
hc-registrar@haverford.edu.

Faculty-Approved Teaching Times

M	1:30 PM-3:55 PM
M	7:30 PM-9:55 PM
M F	1:00 PM-2:25 PM
M W F	8:30 AM-9:25 AM
M W F	9:30 AM-10:25 AM
M W F	10:30 AM-11:25 AM
M W F	11:30 AM-12:25 PM
M W F	1:30 PM-2:25 PM
M W F	2:30 PM-3:25 PM
M W	11:30 AM-12:55 PM
M W	1:00 PM-2:25 PM
M W	2:30 PM-3:55 PM
M F	11:30 AM-12:55 PM
M F	2:30 PM-3:55 PM
T	1:30 PM-3:55 PM
T	7:30 PM-9:55 PM
T Th	8:30 AM-9:55 AM
T Th	10:00 AM-11:25 AM
T Th	11:30 AM-12:55 PM
T Th	1:00 PM-2:25 PM
T Th	2:30 PM-3:55 PM
Th	1:30 PM-3:55 PM
W	1:30 PM-3:55 PM
W F	11:30 AM-12:55 PM
W F	1:00 PM-2:25 PM
W F	2:30 PM-3:55 PM
F	1:30 PM-3:55 PM

Numbering System & Symbols

001-009 elementary courses.
100-199 first-year and introductory courses.
200-299 second-year courses.
300-399 advanced courses.
400-499 special categories of work (e.g., 480 for independent study courses).

The suffixes (following a number) indicate:

A: one-credit course given in the Fall Semester.
B: one-credit course given in the Spring Semester.
C: one-credit course given throughout the year.
D: half-credit course given during September-October.
E: half-credit course given during November-December.
F: half-credit course given throughout the first semester.
G: half-credit course given during February-March.
H: half-credit course given during April-May.
I: half-credit course given throughout the second semester.
J: half-credit course given throughout the year.

Academic Calendar

ACADEMIC CALENDAR 2024-25*			
SEMESTER I (FALL 2024)		SEMESTER II (SPRING 2025)	
Wednesday, August 28	First year and transfer students arrive	Monday, January 20	Martin Luther King Day - Classes not in session
Sunday, September 1	Residence Halls open for returning students	Tuesday, January 21	Classes begin at Haverford, Bryn Mawr, and Swarthmore
Monday, September 2	Labor Day – Classes not in session	Friday, January 24	Last day to uncover Pass/Fail courses from previous semester
Tuesday, September 3	Classes begin at Haverford, Bryn Mawr, and Swarthmore	Wednesday, January 29	Final academic verification at Haverford and Bryn Mawr Registration ends
Friday, September 6	Last day to uncover Pass/Fail courses from previous semester	Friday, February 7	Last day to drop a credit at Haverford and Bryn Mawr
Wednesday, September 11	Final academic verification at Haverford and Bryn Mawr Registration ends	Friday, February 21	Faculty reports of concern to CSSP due Academic Flexibility Petitions to CSSP due
Friday, September 20	Last day to drop a credit at Haverford and Bryn Mawr	Friday, March 7	First quarter classes end Last day to request Pass/Fail, First Quarter courses only
Friday, October 4	Faculty reports of concern to CSSP due Academic Flexibility Petitions to CSSP due		Spring break begins at 4:00 p.m.
Friday, October 11	Fall break begins at 4:00 p.m.	Monday, March 17	Classes resume at 8:30 a.m. Second quarter classes begin
Monday, October 21	Classes resume at 8:30 a.m.	Wednesday, March 26	Last day to drop second quarter class
Friday, October 25	First quarter classes end. Last day to request Pass/Fail, First Quarter courses only.	Friday, March 28	Faculty reports of concern to CSSP due Academic Flexibility Petitions to CSSP due
Friday, October 25 - Sunday, October 27	Family and Friends Weekend (Tentative)	Monday, April 7	Pre-Registration for fall semester begins
Monday, October 28	Second quarter class begin	Friday, April 18	Pre-Registration for fall semester ends Major Declaration Forms due in Registrar's Office Returning students' Financial Aid Applications due
Monday, November 4	Pre-Registration for spring semester begins	Friday, May 2	Classes end at Haverford and Bryn Mawr Last day to request Pass/Fail, full semester & 2nd quarter courses All papers (except those in lieu of exams) and lab notebooks due
Wednesday, November 6	Last day to drop second quarter class	Saturday, May 3 - Tuesday, May 6	Reading Period
Friday, November 8	Faculty reports of concern to CSSP due Academic Flexibility Petitions to CSSP due	Monday, May 5 -	Senior Comprehensive Examinations
Friday, November 15	Pre-Registration for spring semester ends	Wednesday, May 7	Optional Final Examination Period
Wednesday, November 27	Thanksgiving break begins at 4:00 p.m.	Wednesday, May 7	Final Examination Period begins
Monday, December 2	Classes resume at 8:30 a.m.	Saturday, May 10	Final examinations for Seniors due at 5:00 p.m.
Friday, December 13	Classes end at Haverford; optional Reading Day Last day to request Pass/Fail, full semester & 2nd quarter courses All papers (except those in lieu of exams) due	Monday, May 12	Senior Grades due in Registrar's Office by 5:00 p.m.
Saturday, December 14 - Sunday, December 15	Reading Period	Friday, May 16	Semester II ends at noon Final examinations for non-Seniors due at noon
Monday, December 16- Friday, December 20	Final Examination Period	Saturday, May 17	Commencement at Haverford College – 10:00 a.m.* Commencement at Bryn Mawr College
Friday, December 20	Semester ends at 12:00 noon Final examinations due at 12:00 noon	Friday, May 23	Final grades due in the Registrar's Office by 12:00 noon
Friday, January 3	Final grades due in Registrar's Office by 12:00 noon	Friday, May 30 - Sunday, June 1	Alumni Weekend (Tentative)

*Subject to change

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
AFST	H376A				Literature and Politics of South African Apartheid					
<p>This course explores the history and historiography of South African apartheid from its inception in 1948 to its democratic overthrow in 1994. We will consider the interplay between complex definitions of race, gender, nation and difference in novels, plays, and poetry written during the apartheid years. We will also discuss the tension between an ethics and aesthetics of literary production in a time of political oppression. What would it mean for one to write an apolitical text in a cultural space rife with racial and social tensions? Authors will include Nadine Gordimer, Alan Paton, J.M.Coetzee, Bessie Head, and Alex La Guma. Crosslisted with Africana Studies.</p> <p>Enrollment Limit: 15 Lottery Preferences: 1. English majors, 2. Africana Studies concentrators, then all others by class year. Attributes: A: <i>Meaning, Interpretation (Texts)</i> Africana Studies Humanities</p>										
	1615	001	1.0	Laura McGrane		W	1:30PM	3:55PM		0
	1615	001	1.0	Laura McGrane		W	1:30PM	3:55PM		0
ANTH	H103A				Introduction to Anthropology					
<p>An introduction to the basic ideas and methods of social anthropology. Examines major theoretical and ethnographic concerns of the discipline from its origins to the present, such as family and kinship, production and reproduction, history and evolution, symbolism and representation, with particular attention to such issues as race and racism, gender and sexuality, class, and ethnicity.</p> <p>Prerequisite(s): Not open to students who have completed BMC ANTH 102 Enrollment Limit: 40 Attributes: B: <i>Analysis of the Social World</i> Social Science</p>										
	1439	001	1.0	Zolani Noonan-Ngwane		M W	11:30AM	12:55PM		0
ANTH	H265A				Medical Anthropology					
<p>What does it mean to attempt a critical anthropology of the body, illness experience, disease etiology, healing practices, and the epistemology of contemporary biomedicine across a diverse group of cultures and traditions? This course seeks to begin to answer this and other questions by examining the historical development of the field of medical anthropology, exploring the theoretical and philosophical underpinnings of the debates that have shaped the field, and examining the methodological concerns and ethnographic investigations that have broadened the scope of its inquiry. Readings range from classical ethnographic writings, philosophical treatises, anthropological theory, indigenous philosophers, and first person accounts of illness and health.</p> <p>Enrollment Limit: 25 Lottery Preference(s): 1.) Health Studies minors 2.) Anthropology majors and minors Attributes: B: <i>Analysis of the Social World</i> Health Studies Humanities</p>										
	1450	001	1.0	Michael D'Arcy		T Th	1:00PM	2:25PM		0
ANTH	H266A				Sensory Ethnographic Methods					
<p>Through this course, students will develop ethnographic research and writing skills using sensory detail (taste, touch, sight, sound, smell and feeling) to evoke people, places, and things. Assignments are primarily writing-intensive with additional fieldwork and multimodal (e.g. photography, film) exercises.</p> <p>Crosslisted: Anthropology, Visual Studies Prerequisite(s): Any Anthropology course Enrollment Limit: 15 Lottery Preference(s): Equal priority to Anthropology and Visual Studies students Attributes: B: <i>Analysis of the Social World</i> Social Science Visual Studies</p>										
	1864	001	1.0	Emily Teera-Hong		F	11:00AM	1:25PM		0
ANTH	H275A				Race and Representation in Documentary Filmmaking					
<p>This is an introductory cross-listed (Visual Studies/Anthropology) production course on the theory and practice of documentary filmmaking through an exploration of race onscreen. The objective of the course is to enable students to build a critical awareness of the ways in which film and media in general perpetuate racist discourses and representations and explore how students can challenge such representations through their own filmmaking practices. As inspiration, we will watch and study a wide variety of innovative documentary films that bring alternative voices and histories to screen and</p>										

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crđ	Instructor(s)	Days	Start	End	Room	Enrld
					read/watch filmmaker interviews. Classes will combine elements of a studio (sharing and critiquing filmmaking work in progress) and seminar (discussing weekly themes). Crosslisted: VIST. Lottery Preference: Senior students in anthropology and visual studies have a priority to take this class. Enrollment Limit: 12.00 Attributes: A: Creative Expression B: Analysis of the Social World Social Science Visual Studies					
					1447 001 1.0 Zeynep Sertbulut	T Th	1:00PM	2:25PM		0
ANTH	H276A	Global Media								
					This course takes an anthropological approach to examine social and cultural practices of media production, circulation, and consumption. Drawing on ethnographic studies from around the world, it provides an overview of the increasing theoretical attention given to media by anthropologists. It examines cross-culturally how media as representation and as cultural practice have been fundamental to the formation and transformation of subjectivities, collectivities and social relations in the contemporary world. Crosslisted: ANTH, VIST Pre-requisite(s): 100-level course in social sciences, or humanities. Lottery Preference: Senior anthropology students have a priority to take the class. Enrollment Limit: 25.00 Attributes: B: Analysis of the Social World Social Science					
					1449 001 1.0 Zeynep Sertbulut	T Th	11:30AM	12:55PM		0
ANTH	H281A	Introduction to Environmental Anthropology								
					An introduction to the ideas and methods central to environmental anthropology. Topics covered will include political ecology, crises and uncertainty, indigeneity and community management. Enrollment Limit: 25 Attributes: B: Analysis of the Social World Environmental Studies Social Science					
					1867 001 1.0 Joshua Moses	T Th	11:30AM	12:55PM		0
ANTH	H303A	History and Theory of Anthropology								
					The development of anthropological thought. Theories of society and the human subject, social organization and social structure, and the culture concept. Structuralism, Marxist anthropology, the crisis of representation in the 1980s and 1990s, postmodernism, the relationship between ethnography and history, and practice theory. Prerequisite(s): One course in ANTH, excluding BMC ANTH B303 Attributes: B: Analysis of the Social World Social Science					
					1055 001 1.0 Zainab M. Saleh	Th	1:30PM	3:55PM		0
ANTH	H338A	The Anthropology of Addiction: Substance, Community, and the Problem of Care								
					This course explores the conceptual, methodological, and ethical complexities of marking "addiction" as an object of anthropological inquiry. Together we will investigate what anthropologists, medical doctors, public health scholars, and people living with addiction can gain from ethnographic research. We will ask: how can ethnography help us to better understand the degree to which the phenomenon of addiction is socially, culturally, and scientifically constructed but also experienced in intimate and often deeply painful ways? Crosslisted: HLTH. Enrollment Limit: 15.00 Attributes: B: Analysis of the Social World Health Studies Social Science					
					2655 001 1.0 Michael D'Arcy	W	1:30PM	3:55PM		0
ANTH	H450A	Senior Seminar: Research and Writing								
					The fall semester of the two-semester senior thesis seminar. Students do archival and ethnographic research, write a research prospectus, get training on ethics, and write a review of the anthropological literature on their area of inquiry. Attributes: Social Science					
					1058 001 1.0 Zolani Noonan-Ngwane	M	7:30PM	9:55PM		0
ARAB	H001A	Introduction to Modern Standard Arabic								
					Three additional hours of Drill required.					

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
Enrollment Limit: 20										
Lottery Preference(s): 14 spaces reserved for incoming freshmen; (1) Freshman; (2) sophomore; (3) Junior; (4) major/Minor/Concentration; (5) Permission of Instructor										
<i>Attributes: A: Meaning, Interpretation (Texts) Humanities Middle Eastern/Central Asian/North African Studies</i>										
	1044	001	1.5	Manar Darwish		T Th	8:30AM	9:55AM		0
	1045	00A	.0	Manar Darwish	Meets at Haverford	M W F	8:30AM	9:25AM		0
	1046	00B	.0	Manar Darwish	Meets at Bryn Mawr	M W F	10:10AM	11:00AM		0
ARTS	H101D	Arts Foundation-Drawing (2-D)								
A seven-week introductory course for students with little or no experience in drawing. Students will first learn how to see with a painter's eye. Composition, perspective, proportion, light, form, picture plane and other fundamentals will be studied. We will work from live models, still life, landscape, imagination and masterwork.										
Enrollment Limit: 15										
Lottery Preference: Fine Arts majors and minors										
<i>Attributes: A: Creative Expression Humanities Visual Studies</i>										
	1133	001	.5	Jonathan C. Goodrich		T	10:00AM	12:25PM		0
ARTS	H101E	Arts Foundation-Drawing (2-D)								
A seven-week introductory course for students with little or no experience in drawing. Students will first learn how to see with a painter's eye. Composition, perspective, proportion, light, form, picture plane and other fundamentals will be studied. We will work from live models, still life, landscape, imagination and masterwork.										
Enrollment Limit: 15										
Lottery Preference: Fine Arts majors and minors										
<i>Attributes: A: Creative Expression Humanities Visual Studies</i>										
	1143	001	.5	Jonathan C. Goodrich		T	10:00AM	12:25PM		0
ARTS	H103D	Arts Foundation-Photography								
This is a half-semester course to introduce the craft and artistry of photography to students with some or no skills in photography. Students learn how to develop negatives, print enlargements, and printing techniques such as burning, dodging, and exposure time. This class also requires a two-hour workshop. The day and time of the workshop will be determined during the first class. Offered in the first quarter.										
Enrollment Limit: 12										
<i>Attributes: A: Creative Expression Humanities Visual Studies</i>										
	1131	001	.5	TBA Department staff		M	1:30PM	3:55PM		0
ARTS	H104D	Arts Foundation - Sculpture								
This is a seven-week, half semester course designed to provide an introduction to three dimensional concepts and techniques. Skills associated with organizing and constructing three-dimensional form will be addressed through a series of projects within a contemporary context. The first projects will focus on basic three-dimensional concepts, while later projects will allow for greater individual self-expression and exploration. Various fabrication skills including construction, modeling, basic mold making, and casting will be demonstrated in class. All fabrication techniques will be covered in detail in class, and no prior experience is required to successfully complete this course.										
Enrollment Limit: 15										
Lottery Preference: Fine Arts majors and minors										
<i>Attributes: A: Creative Expression Humanities Visual Studies</i>										
	1142	001	.5	Markus Baenziger		W	1:30PM	3:55PM		0
ARTS	H104E	Arts Foundation-Sculpture								
This is a seven-week, half semester course designed to provide an introduction to three dimensional concepts and techniques. Skills associated with organizing and constructing three-dimensional form will be addressed through a series of projects within a contemporary context. The first projects will focus on basic three-dimensional concepts, while later projects will allow for greater individual self-expression and exploration. Various fabrication skills including construction, modeling, basic mold making, and casting will be demonstrated in class. All fabrication techniques will be covered in detail in class, and no prior experience is required to successfully complete this course.										
Enrollment Limit: 15										

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Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
					Lottery Preference: Fine Arts majors and minors Attributes: A: Creative Expression Humanities Visual Studies					
	1135	001	.5	Markus Baenziger		W	1:30PM	3:55PM		0
ARTS	H107D	Arts Foundation-Painting A seven-week introductory course for students with little or no experience in painting. Students will be first introduced to the handling of basic tools, materials and techniques. We will study the color theory such as interaction of color, value & color, warms & cools, complementary colors, optical mixture, texture, surface quality. We will work from live model, still life, landscape, imagination and masterwork. Enrollment Limit: 15 Lottery Preference: Fine Arts majors and minors Attributes: A: Creative Expression Humanities Visual Studies								
	1549	001	.5	Ying Li		T	1:30PM	3:55PM		0
ARTS	H107E	Arts Foundation-Painting A seven-week introductory course for students with little or no experience in painting. Students will be first introduced to the handling of basic tools, materials and techniques. We will study color theory such as interaction of color, value & color, warms & cools, complementary colors, optical mixture, texture, and surface quality. We will work from live model, still life, landscape, imagination and masterwork. Enrollment Limit: 15 Lottery Preference: Fine Arts majors and minors Attributes: A: Creative Expression Humanities Visual Studies								
	1134	001	.5	Ying Li		T	1:30PM	3:55PM		0
ARTS	H108E	Arts Foundation-Photography This is a half-semester course to introduce the craft and artistry of photography to students with some or no skills in photography. Students learn how to develop negatives, print enlargements, and printing techniques such as burning, dodging, and exposure time. This class also requires a two-hour workshop. The day and time of the workshop will be determined during the first class. Offered in the second quarter. Enrollment Limit: 15 Lottery Preference: Fine Arts majors and minors Attributes: A: Creative Expression Humanities Visual Studies								
	1132	001	.5	TBA Department staff		M	1:30PM	3:55PM		0
ARTS	H121E	Foundation Printmaking: Relief Printing A seven-week course covering various techniques and approaches to the art of the woodcut and the linocut, emphasizing the study of design principles and the expressive potential of the medium to create a personal visual statement. Enrollment limit -15 Attributes: A: Creative Expression Humanities Visual Studies								
	1144	001	.5	Hee Sook Kim		W	10:00AM	12:25PM		0
ARTS	H124E	Foundation Printmaking: Monotype Basic printmaking techniques in Monotype medium. Painterly methods, direct drawing, stencils, and brayer techniques for beginners in printmaking will be taught. Color, form, shape, and composition in 2-D format will be explored. Individual and group critiques will be employed. Enrollment Limit: 15 Attributes: A: Creative Expression Humanities Visual Studies								
	2627	001	.5	Hee Sook Kim		W	1:30PM	3:55PM		0
ARTS	H225A	Lithography: Materials and Techniques An intermediate course covering B/W and Color Lithography in plates. Combined methods with other printmaking techniques such as Paper lithography and Monotype are explored during the course along with photographic approaches. Editioning of images is required along with experimental ones. Development of technical skills in traditional Lithography and personal visual study are necessary with successful creative solutions. A strong body of work following a specific theme is required. Individual discussions and group critiques are held periodically. Additional research on the history of printmaking is requested. Attributes: A: Creative Expression Humanities Visual Studies								

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
		2586	001	1.0	Hee Sook Kim	T	10:00AM	12:25PM		0
ARTS	H243A	Sculpture: Materials and Techniques								
		This course is designed to give students an in-depth introduction to a comprehensive range of three-dimensional concepts and fabrication techniques. Emphasis will be on wood and metal working, and additional processes such as casting procedures for a range of synthetic materials and working with digital tools including a laser cutter and CNC equipment will be introduced in class. Course may be repeated for credit. Prerequisite: ARTSH104 or permission from the instructor. Enrollment Limit: 12 <i>Attributes: A: Creative Expression Humanities Visual Studies</i>								
		1136	001	1.0	Markus Baenziger	W	10:00AM	12:25PM		0
ARTS	H251A	Photography: Materials and Techniques								
		Students are encouraged to develop an individual approach to photography. Emphasis is placed on the creation of color photographic prints which express plastic form, emotions and ideas about the physical world. Work is critiqued weekly to give critical insights into editing of individual student work and the use of the appropriate black-and-white photographic materials in analog or digital formats necessary to give coherence to that work. Study of the photography collection, gallery and museum exhibitions, lectures and a critical analysis of photographic sequences in books and a research project supplement the weekly critiques. In addition students produce a handmade archival box to house their work, which is organized into a loose sequence and mounted to archival standards. Prerequisite: Fine Arts 103 or equivalent. <i>Attributes: A: Creative Expression Humanities Visual Studies</i>								
		1147	001	1.0	TBA Department staff	M	10:00AM	12:25PM		0
ARTS	H333A	Experimental Studio: Painting								
		Students will build on the work done in 200 level courses to develop further their individual approach to painting. Students are expected to create projects that demonstrate the unique character of their chosen media in making their own art. Completed projects will be exhibited at the end of semester. Class will include weekly crits, museum visits, visiting artists' lecture and crits. Each student will present a 15- minute slide talk and discussion of either their own work or the work of artists who influenced them. <i>Attributes: A: Creative Expression Humanities Visual Studies</i>								
		1412	001	1.0	Ying Li	W	10:00AM	12:25PM		0
ARTS	H351A	Experimental Studio Photography								
		Students produce an extended sequence of their work in either book or exhibition format using black and white or color photographic materials. The sequence and scale of the photographic prints are determined by the nature of the student's work. Weekly classroom critiques, supplemented by an extensive investigation of classic photographic picture books and related critical texts guide students to the completion of their course work. This two semester course consists of the book project first semester and the exhibition project second semester. At the end of each semester the student may exhibit his/her project. <i>Attributes: A: Creative Expression Humanities Visual Studies</i>								
		1146	001	1.0	TBA Department staff	W	10:00AM	12:25PM		0
ARTS	H499A	Senior Departmental Studies								
		The student reviews the depth and extent of experience gained, and in so doing creates a coherent body of work expressive of the student's insights and skills. At the end of the senior year the student is expected to produce a show of his or her work. <i>Attributes: Humanities</i>								
		1138	001	1.0	Ying Li	T	7:00PM	9:00PM		0
ASTR	H204A	Introduction to Astrophysics								
		General introduction to astronomy including: the structure and evolution of stars; the properties and evolution of the solar system including planetary surfaces and atmospheres; exoplanets; and observational projects using the Strawbridge Observatory telescopes. Prerequisite(s): MATH H118 or equivalent; PHYS H105 or PHYS B121; Co-requisite(s): PHYS H106 or B201 Enrollment Limit: 30 Lottery Preference(s):								

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld	
		1409	003	1.0	Jessica Comstock	T Th	10:00AM	11:25AM		0	
		1697	004	1.0	Jessica Comstock	M W	11:30AM	12:55PM		0	
		1155	00A	.0	Lee Dietterich	Lab	T	1:00PM	3:55PM	SHA118	0
		1155	00A	.0	Lee Dietterich	Pre-Lab	T	1:00PM	2:25PM	SHA113	0
		1156	00B	.0	Nancy Maas	Pre-Lab	W	1:00PM	2:25PM	SHA113	0
		1156	00B	.0	Nancy Maas	Lab	W	1:00PM	3:55PM	SHA118	0
		1157	00C	.0	Lee Dietterich	Lab	Th	1:00PM	3:55PM	SHA118	0
		1157	00C	.0	Lee Dietterich	Pre-Lab	Th	1:00PM	2:25PM	SHA113	0
		1158	00D	.0	Nancy Maas	Lab	F	1:00PM	3:55PM	SHA118	0
		1158	00D	.0	Nancy Maas	Pre-Lab	F	1:00PM	2:25PM	SHA113	0
		1698	00E	.0	Lee Dietterich	Lab	F	8:30AM	11:25AM	SHA118	0
		1698	00E	.0	Lee Dietterich	Pre-Lab	F	8:30AM	9:55AM	SHA113	0
BIOL	H217A	Behavioral Neuroscience									
		Interrelations between brain, behavior, and subjective experience. The course introduces students to physiological psychology through consideration of current knowledge about the mechanisms of mind and behavior.									
		Crosslisted: Psychology, Biology									
		Prerequisite(s): Any one of the following or instructor consent: PSYC 100, PSYC B105, BIOL H123, BIOL H124, BIOL H128, BIOL H129, NEUR H100, Psychology AP Score 4									
		Enrollment Limit: 35									
		Lottery Preference(s): 1) Psych majors, neuroscience majors, and neuroscience minors, 2) sophomores, 3) other juniors and seniors									
		<i>Attributes: B: Analysis of the Social World C: Physical and Natural Processes Natural Science Neuroscience</i>									
		1438	001	1.0	TBA Department staff					0	
BIOL	H300A	Advanced Lab in Biology Sem 1									
		One lecture and two laboratory periods per week. An introduction to the application of modern experimental approaches in the study of interesting biological questions. Techniques employed are drawn from: cloning and nucleic acids (DNA and RNA) manipulation, including polymerase chain reaction (PCR) and site-directed mutagenesis; protein expression, purification and characterization, with emphasis on circular dichroism and fluorescence spectroscopy; immunofluorescence, confocal and electron microscopy; and fluorescence-activated cell sorting (FACS) analysis. Preference for a specific lab section will be given to students preregistering for that lab section; students who do not preregister will be assigned on a space available basis. Each lab section enrollment is limited to 16.									
		Prerequisite(s): BIOL H200 and BIOL H201 with a grade of 2.0 or above, or instructor consent									
		Enrollment Limit: 32									
		Lottery Preference(s): Biology majors									
		<i>Attributes: C: Physical and Natural Processes Natural Science C: Physical and Natural Processes Natural Science</i>									
		1433	001	.0	Geoffrey Hutinet	M	1:00PM	2:25PM		0	
		1433	001	.0	Geoffrey Hutinet	M	1:00PM	2:25PM		0	
		1431	00A	1.0	Geoffrey Hutinet	T Th	1:00PM	3:55PM		0	
		1432	00B	1.0	Geoffrey Hutinet	W F	1:00PM	3:55PM		0	
BIOL	H300D	Advanced Lab in Biology Sem 1									
		One lecture and two laboratory periods per week. An introduction to the application of modern experimental approaches in the study in interesting biological questions. Techniques employed are drawn from: cloning and nucleic acids (DNA and RNA) manipulation, including polymerase chain reaction (PCR) and site-directed mutagenesis; protein expression, purification and characterization, with emphasis on circular dichroism and fluorescence spectroscopy; immunofluorescence, confocal and electron microscopy; and fluorescence-activated cell sorting (FACS) analysis. Preference for a specific lab section will be given to students preregistering for that lab section; students who do not preregister will be assigned on a space available basis. Enrollment in the half-semester module is by consent of instructor only.									
		Prerequisite(s): Successful completion of BIOL H200A and B with grades of 2.0 or higher, and instructor consent.									
		Enrollment Limit: 32									

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
Lottery Preference(s): Biology majors Attributes: C: Physical and Natural Processes Natural Science										
	1171	001	.5		Geoffrey Hutinet	M	1:00PM	2:25PM		0
	1172	00A	.0		Geoffrey Hutinet	T Th	1:00PM	3:55PM		0
	1173	00B	.0		Geoffrey Hutinet	W F	1:00PM	3:55PM		0
BIOL	H300E	Advanced Lab in Biology Sem 1								
One lecture and two laboratory periods per week. An introduction to the application of modern experimental approaches in the study in interesting biological questions. Techniques employed are drawn from: cloning and nucleic acids (DNA and RNA) manipulation, including polymerase chain reaction (PCR) and site-directed mutagenesis; protein expression, purification and characterization, with emphasis on circular dichroism and fluorescence spectroscopy; immunofluorescence, confocal and electron microscopy; and fluorescence-activated cell sorting (FACS) analysis. Preference for a specific lab section will be given to students preregistering for that lab section; students who do not preregister will be assigned on a space available basis. Enrollment in the half-semester module is by consent of instructor only. Prerequisite(s): Successful completion of BIOL H200A and B with grades of 2.0 or higher, and instructor consent. Enrollment Limit: 32 Lottery Preference(s): Biology majors Attributes: C: Physical and Natural Processes Natural Science										
	1174	001	.5		Geoffrey Hutinet	M	1:00PM	2:25PM		0
	1175	00A	.0		Geoffrey Hutinet	T Th	1:00PM	3:55PM		0
	1176	00B	.0		Geoffrey Hutinet	W F	1:00PM	3:55PM		0
BIOL	H302A	Advanced Lab in Neuroscience								
One lecture and two laboratory periods per week. An introduction to applying modern molecular, cellular, and/or behavioral experimental approaches for studying nervous system development and function. Model organisms will be used to investigate novel neurobiological questions, drawing from experimental techniques including: genetic manipulation, electrophysiological recording, neuropharmacology, fluorescence imaging, optogenetic manipulation of neural activity, behavioral assay design, and computational tracking and analysis of animal behavior. Prerequisite(s): BIOL H200 and BIOL H201 with a grade of 2.0 or above, or PSYC 217/218 and a second 200-level natural science course, or instructor consent. Enrollment Limit: 16 Lottery Preference(s): 1. Junior & Senior Biology and Neuroscience Majors, 2. Neuroscience minors, 3. class year Attributes: C: Physical and Natural Processes Natural Science										
	1709	001	1.0		Roshan Jain	M	1:00PM	2:25PM		0
	1710	00A	.0		Roshan Jain	T Th	1:00PM	3:55PM		0
BIOL	H312D	Development & Evolution								
This course introduces important links between developmental and evolutionary biology. Genetic changes that produce variations between organisms are an important aspect of evolutionary change. Since development can be viewed as a process that links genetic information to final form of an organism, the fields of development and evolution clearly impact one another. We will look at model developmental systems where mechanisms have been elucidated in remarkable detail. We will then look beyond model systems to comparative studies in a range of organisms, considering how these provide insight into evolutionary mechanisms, and how underlying differences in development may account for the differences we see between organisms. Prerequisite(s): BIOL H200A and 201B with a grade of 2.0 or above, or instructor consent Enrollment Limit: 25 Attributes: C: Physical and Natural Processes Natural Science Neuroscience										
	2519	001	.5		Rachel Hoang	T Th	8:30AM	9:55AM		0
BIOL	H314D	Biochemistry: Metabolic Basis of Disease								
This course will introduce students to advanced biosynthetic processes associated with carbohydrate, nucleic acid, protein and lipid metabolism. A coverage of the pathways and the experiments which defined them will be accompanied by discussions of their direct relevance to disease, abnormality and evolutionary adaptation. Prerequisite(s): BIOL H200A and B or instructor consent										

Haverford College Fall 2024 Course Guide

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Enrollment Limit: 25										
<i>Attributes: C: Physical and Natural Processes Natural Science</i>										
	2520	001	.5	Robert Fairman		T Th	10:00AM	11:25AM		0
BIOL	H334E	Biochemistry of Gene Expression								
The main goal of this course is to develop a fundamental understanding of the biochemical properties that impact gene expression, and how these properties influence the regulation that allows for proper gene expression. The class will use case studies from primary scientific literature to understand how disease can result from mis-regulation. Students will read and critique scientific articles and gain skills of communication of scientific ideas and concepts via oral presentations and writing assignments.										
Pre-requisite(s): BIOL H200 and BIOL H201 with a grade of 2.0 or above, or instructor consent										
Enrollment Limit: 25										
<i>Attributes: C: Physical and Natural Processes Natural Science</i>										
	2517	001	.5	Amy Cooke		T Th	10:00AM	11:25AM		0
BIOL	H338E	Biostatistics								
Biological research depends on collecting, analyzing, and presenting data. This course will introduce the art of working with data at all stages of the scientific process, including data organization, analysis, and visualization. By analyzing real datasets, we will discuss the logic behind several foundational statistical tests and consider their strengths and limitations. Along the way, we will learn to detect misleading uses of statistics and graphs, and develop proficiency in Excel and R.										
Pre-requisite(s): BIOL H200A and H201B with a grade of 2.0 or above, or instructor consent										
Lottery Preference: Biology majors										
Enrollment Limit: 25.00										
<i>Attributes: C: Physical and Natural Processes Natural Science Quantitative</i>										
	2521	001	.5	Lee Dietterich		M W	10:00AM	11:25AM		0
	2522	002	.5	Lee Dietterich		T Th	8:30AM	9:55AM		0
BIOL	H380F	Independent Study for Juniors								
Students may receive credit for approved study and/or work in the laboratory under the supervision of a professor. This work may take the form of a guided series of readings with associated written work, or a supervised laboratory research project with a final write-up and presentation.										
Prerequisite(s): Instructor consent										
<i>Attributes: Natural Science</i>										
	1181	001	.5	Jessica Comstock						0
	1501	002	.5	Lee Dietterich						0
	1778	003	.5	Geoffrey Hutinet						0
BIOL	H400A	Senior Research Tutorial at Off-Campus Research Labs								
Research in an area of cell, or molecular biology is conducted under the supervision of a member of a nearby research laboratory who has volunteered time and space for a Haverford student. All students enrolled in Biology 400 must have designated on-campus and off-campus supervisors.										
Prerequisite(s): BIOL H300 and BIOL H301 with a grade of 2.0 or above and instructor consent.										
<i>Attributes: Natural Science</i>										
	1179	001	1.0	TBA Department staff						0
BIOL	H400F	Senior Research Tutorial at Off-Campus Research Labs								
Research in an area of cell, or molecular biology is conducted under the supervision of a member of a nearby research laboratory who has volunteered time and space for a Haverford student. All students enrolled in Biology 410 must have designated on-campus and off-campus supervisors.										
Prerequisite(s): BIOL H300A and B with a grade of 2.0 or above and instructor consent.										
<i>Attributes: Natural Science</i>										
	1398	001	.5	TBA Department staff						0
BIOL	H403A	Senior Research Tutorial in Protein Aggregation and Disease								

Haverford College Fall 2024 Course Guide

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					<p>The laboratory focuses on protein folding and design, with a particular emphasis on the use of proteins in nanoscience. Students will have the opportunity to apply chemical and genetic approaches to the synthesis of proteins for folding and design studies. Such proteins are characterized in the laboratory using biophysical methods (such as circular dichroism spectroscopy, analytical ultracentrifugation, and atomic force microscopy). Functional and structural approaches can also be applied as necessary to answer specific questions relating to protein science. Exploration of the primary literature and various opportunities to hone scientific communication skills will supplement lab work.</p> <p>Prerequisite(s): Instructor consent Enrollment Limit: 7 Attributes: Natural Science Neuroscience</p>						0
BIOL	H403F				Senior Research Tutorial in Protein Aggregation and Disease						
					<p>The laboratory focuses on protein folding and design, with a particular emphasis on the use of proteins in nanoscience. Students will have the opportunity to apply chemical and genetic approaches to the synthesis of proteins for folding and design studies. Such proteins are characterized in the laboratory using biophysical methods (such as circular dichroism spectroscopy, analytical ultracentrifugation, and atomic force microscopy). Functional and structural approaches can also be applied as necessary to answer specific questions relating to protein science. Exploration of the primary literature and various opportunities to hone scientific communication skills will supplement lab work.</p> <p>Prerequisite(s): Instructor consent Enrollment Limit: 7 Attributes: Natural Science Neuroscience</p>						0
		1162	001	1.0	Robert Fairman						
BIOL	H404A				Senior Research Tutorial in Molecular Microbiology						
					<p>Microbes live and grow in environments that include other microbes; how do these microbe-microbe interactions change microbial genomes (through evolution) and change the composition of communities (through ecological dynamics)? Laboratory work will focus on pathogen and commensal Streptococcus species to investigate how cells communicate with each other, how they exchange genes, and how they produce toxins that modify their surrounding community. Bioinformatic approaches will examine evolution within and between bacteria species, while computational approaches will investigate fundamental questions in evolutionary biology. Exploration of the primary literature and various opportunities to hone scientific communication skills will supplement lab work.</p> <p>Prerequisite(s): Instructor consent Attributes: Natural Science</p>						0
		1166	001	1.0	Eric Miller						
		1594	002	1.0	Eric Miller					0	
BIOL	H405A				Senior Research Tutorial In Marine Natural Product Drug Discovery						
					<p>Marine organisms are important producers of substances useful for treatment of human diseases. Students will integrate ecological and evolutionary theories, cellular physiology, and natural-product chemistry to guide discovery of new compounds with beneficial properties. Exploration of the primary literature and various opportunities to hone scientific communication skills will supplement lab work.</p> <p>Prerequisite(s): Instructor consent Enrollment Limit: 7 Attributes: Natural Science</p>						0
		1152	001	1.0	Kristen Whalen						
BIOL	H405F				Senior Research Tutorial In Marine Natural Product Drug Discovery						
					<p>Marine organisms are important producers of substances useful for treatment of human diseases. Students will integrate ecological and evolutionary theories, cellular physiology, and natural-product chemistry to guide discovery of new compounds with beneficial properties. Exploration of the primary literature and various opportunities to hone scientific communication skills will supplement lab work.</p> <p>Prerequisite(s): Instructor consent Enrollment Limit: 7 Attributes: Natural Science</p>						

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
		1153	001	.5	Kristen Whalen					0
BIOL	H406A	Senior Research Tutorial in Developmental Biology and Evolution								
		In this course students explore processes of embryonic development and their evolutionary underpinnings. Using primarily insect model systems students design research projects drawing on a variety of techniques including cell and molecular biology, embryology, genetics, genomics and cell imaging. Exploration of the primary literature and various opportunities to hone scientific communication skills will supplement lab work.								
		Prerequisite(s): Instructor consent								
		Enrollment Limit: 7								
		<i>Attributes: Natural Science</i>								
		1168	001	1.0	Rachel Hoang					0
BIOL	H406F	Senior Research Tutorial in Developmental Biology and Evolution								
		In this course students explore processes of embryonic development and their evolutionary underpinnings. Using primarily insect model systems students design research projects drawing on a variety of techniques including cell and molecular biology, embryology, genetics, genomics and cell imaging. Exploration of the primary literature and various opportunities to hone scientific communication skills will supplement lab work.								
		Prerequisite(s): Instructor consent								
		Enrollment Limit: 7								
		<i>Attributes: Natural Science</i>								
		1169	001	.5	Rachel Hoang					0
BIOL	H407A	Senior Research Tutorial in Bioarchitecture								
		Studies of structure in living systems and applications in nanotechnology. Approaches employed include genetic analysis, biochemistry, biophysics, molecular biology, microscopy and imaging, bioengineering and synthetic biology. Exploration of the primary literature and various opportunities to hone scientific communication skills will supplement lab work.								
		Prerequisite(s): Instructor consent								
		Enrollment Limit: 7								
		<i>Attributes: Natural Science</i>								
		1164	001	1.0	Karl A. Johnson	Th	8:30AM	9:25AM		0
BIOL	H407F	Senior Research Tutorial in Bioarchitecture								
		Studies of structure in living systems and applications in nanotechnology. Approaches employed include genetic analysis, biochemistry, biophysics, molecular biology, microscopy and imaging, bioengineering and synthetic biology. Exploration of the primary literature and various opportunities to hone scientific communication skills will supplement lab work.								
		Prerequisite(s): Instructor consent								
		Enrollment Limit: 7								
		<i>Attributes: Natural Science</i>								
		1165	001	.5	Karl A. Johnson					0
BIOL	H409A	Senior Research Tutorial in Molecular Neurobiology								
		In this course we will use the zebrafish model system to ask "how do genes control behavior?" at multiple complementary levels of analysis: molecular genetics, imaging of neural circuit development and function, and high-throughput behavioral approaches. Students will use established genetic tools and behavioral assays, as well as develop new methods to probe the underlying control of decision-making, learning & memory, motor control, anxiety, and more. Exploration of the primary literature and various opportunities to hone scientific communication skills will supplement lab work.								
		Prerequisite(s): Instructor consent								
		Enrollment Limit: 7								
		<i>Attributes: Natural Science Neuroscience</i>								
		1177	001	1.0	Roshan Jain					0
BIOL	H409F	Senior Research Tutorial in Molecular Neurobiology								
		In this course we will use the zebrafish model system to ask "how do genes control behavior?" at multiple complementary levels of analysis: molecular genetics, imaging of neural circuit development and function, and high-throughput behavioral approaches. Students will use established genetic tools and behavioral assays, as well as develop new methods to probe the								

Haverford College Fall 2024 Course Guide

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<p><i>Attributes: C: Physical and Natural Processes Natural Science</i></p>										
	1378	001	.5	Foen Peng						0
BIOL	H450E	Advanced Topics in Biology								
<p>A seminar course exploring the primary literature in a specialized area of cell and molecular biology. Students will read current and historically important original papers as well as pertinent review articles. Oral presentations and written work provide the opportunity for students to demonstrate their ability to critically evaluate current literature in a sub-field of their major discipline.</p> <p>Prerequisite(s): BIOL H300 and BIOL H301 with a grade of 2.0 or above, or instructor consent</p> <p>Enrollment Limit: 15</p> <p>Lottery Preference(s): (1) Senior Haverford Biology majors , (2) other seniors, (3) junior Haverford Biology majors</p> <p><i>Attributes: Natural Science Scientific Computing</i></p>										
	1446	001	.5	Jay Lunden	T	7:30PM	9:55PM			0
BIOL	H456D	Advanced Topics in Biology of Marine Life								
<p>Exploration of marine metazoan evolution through the lens of behavioral, morphological, biochemical, and physiological adaptations to various ocean regimes. Readings from primary literature will cover physio-chemical properties of seawater, abiotic/biotic organismal interactions, symbiosis, energy production, human impacts, and phylogenetic relationships.</p> <p>Crosslisted: Biology, Environmental Studies</p> <p>Prerequisite(s): BIOL H300 and BIOL H301 with a grade of 2.0 or above, or instructor consent</p> <p>Enrollment Limit: 15</p> <p>Lottery Preference: (1) Senior Biology majors (2) Seniors (3) Junior Biology majors.</p> <p><i>Attributes: Environmental Studies Natural Science</i></p>										
	2518	001	.5	Kristen Whalen	T Th	2:30PM	3:55PM			0
BIOL	H499J	Senior Department Studies								
<p>Participation in the department's seminar series; attendance at seminars by visiting speakers; senior seminar meetings, consisting of presentation and discussion of research plans and research results by students; and class activities related to the senior year in biology.</p> <p>Prerequisite(s): Department consent</p> <p><i>Attributes: Natural Science</i></p>										
	1170	001	.5	Amy Cooke	M	2:30PM	3:55PM			0
CHEM	H111A	Chemical Structure and Bonding								
<p>Structure and bonding in molecules starting from nuclear and electronic structure of atoms. This course introduces the theories of chemical bonding that rationalize and predict the structures and bulk properties of molecules and materials. It also introduces modern instrumental and computational methods used to study chemical structure and bonding. Three lectures and one lab period per week required.</p> <p><i>Attributes: Biochemistry and Molecular Biology C: Physical and Natural Processes Natural Science Quantitative</i></p>										
	1533	001	1.0	Gordon Peterson	M W F	8:30AM	9:25AM			0
	1250	002	1.0	Gordon Peterson	M W F	9:30AM	10:25AM			0
	1271	003	1.0	Clyde Daly	M W F	10:30AM	11:25AM			0
	1551	004	1.0	Clyde Daly	M W F	11:30AM	12:25PM			0
	1241	00A	.0	Kelly Ginion Matz	T	1:00PM	3:55PM	ESTW305		0
	1242	00B	.0	Kelly Ginion Matz	W	1:00PM	3:55PM	ESTW305		0
	1243	00C	.0	Kelly Ginion Matz	Th	1:00PM	3:55PM	ESTW305		0
	1244	00D	.0	Kelly Ginion Matz	F	1:00PM	3:55PM	ESTW305		0
CHEM	H113A	Intensive: Chemical Structure and Bonding								
<p>Structure and bonding in molecules starting from nuclear and electronic structure of atoms. This course introduces the theories of chemical bonding that rationalize and predict the structures and bulk properties of molecules and materials. It also introduces modern instrumental and computational methods used to study chemical structure and bonding. This is a more intensive offering of CHEM 111 designed for students with little or no experience in chemistry.</p> <p>Prerequisite(s): Placement by the Chemistry Department.</p>										

Haverford College Fall 2024 Course Guide

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<i>Attributes: Biochemistry and Molecular Biology C: Physical and Natural Processes</i>						<i>Natural Science</i>		<i>Quantitative</i>		
<i>Biochemistry and Molecular Biology C: Physical and Natural Processes</i>										
		1248	001	1.0	Theresa D. Gaines	T Th	9:00AM	9:55AM		0
		1248	001	1.0	Theresa D. Gaines	M W F	9:30AM	10:25AM		0
		1251	00A	.0	Kelly Ginion Matz	T	1:00PM	3:55PM	ESTW305	0
		1252	00B	.0	Kelly Ginion Matz	W	1:00PM	3:55PM	ESTW305	0
		1253	00C	.0	Kelly Ginion Matz	Th	1:00PM	3:55PM	ESTW305	0
		1254	00D	.0	Kelly Ginion Matz	F	1:00PM	3:55PM	ESTW305	0
CHEM	H222A	Organic Biological Chemistry								
Survey of organic chemistry reactions in an aqueous environment, highlighting transformations important for understanding the properties and reactivity of biomolecules in the cell, with emphasis on functional groups, acids and bases, chirality, energetics, reaction mechanisms, enzyme inhibitors and drug design.										
One lab per week required.										
One recitation per week required.										
Prerequisite(s): CHEM H111 or CHEM H113 or CHEM H115; and CHEM 104 or CHEM H112 or CHEM H114. Alternatively, students who have taken a two semester General Chemistry course elsewhere (for instance, CHEM B103 and CHEM B104) must, prior to the start of CHEM H222, demonstrate knowledge (by a self-scheduled exam) of common organic functional group structures and spectroscopic methods (as covered by CHEM H111, CHEM H113 and CHEM H115); students should contact the Department Chair the instructor immediately after preregistration to obtain access to a self-guided course centered on these topics.										
<i>Attributes: Biochemistry and Molecular Biology C: Physical and Natural Processes</i>						<i>Natural Science</i>				
		1237	001	1.0	Leah Seebald	M W F	8:30AM	9:25AM		0
		1414	002	1.0	TBA Department staff	M W F	9:30AM	10:25AM		0
		1552	003	1.0	Leah Seebald	M W F	10:30AM	11:25AM		0
		1238	00A	.0	Alberto Lopez	M	1:00PM	3:55PM	ESTW307	0
		1239	00B	.0	Alberto Lopez	T	1:00PM	3:55PM	ESTW307	0
		1240	00C	.0	Alberto Lopez	W	1:00PM	3:55PM	ESTW307	0
		1687	00D	.0	Alberto Lopez	Th	1:00PM	3:55PM	ESTW307	0
CHEM	H261J	Research Tutorial in Physical Chemistry								
One-half credit course for the year designed for students interested in the chemistry research experience in physical chemistry, condensed phase chemical physics, and biophysical chemistry, with emphasis on spectroscopic studies of peptides and proteins. (Not open to seniors.)										
Prerequisite(s): Instructor consent: interested students should discuss possible enrollment with the instructor.										
<i>Attributes: C: Physical and Natural Processes</i>						<i>Natural Science</i>				
		1255	001	.5	Casey H Londergan					0
CHEM	H262J	Research Tutorial in Theoretical Chemistry								
One-half credit course for the year designed for students interested in the chemistry research experience in theoretical physical chemistry, with emphasis on methods for prediction of optical, electronic, and mechanical properties of semiconductor nanostructures. (Not open to seniors.)										
Prerequisite(s): Instructor consent										
<i>Attributes: C: Physical and Natural Processes</i>						<i>Natural Science</i>				
		1272	001	.5	Clyde Daly					0
CHEM	H263J	Research Tutorial in Organic Chemistry								
One-half credit course for the year designed for students interested in the chemistry research experience in synthetic organic chemistry and physical-organic chemistry. Topics include total synthesis of biologically significant molecules, new methods of enantioselective synthesis, and the study of organic reaction mechanisms. (Not open to seniors.)										
Prerequisite(s): Instructor consent										
<i>Attributes: C: Physical and Natural Processes</i>						<i>Natural Science</i>				
		1256	001	.5	Leah Seebald					0
		1769	002	.5	Theresa D. Gaines					0

Haverford College Fall 2024 Course Guide

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CHEM	H267J				Research Tutorial in Biological Chemistry						
One-half credit course for the year designed for students interested in the chemistry research experience in natural product biosynthesis. (Not open to seniors.) This course is graded universal P/F in which no numerical grade is assigned.											
Prerequisite(s): Instructor consent											
Attributes: C: <i>Physical and Natural Processes</i> Natural Science											
	1258	001	.5		Louise Charkoudian					0	
CHEM	H268J				Research Tutorial in Environmental Chemistry						
One-half credit course for the year designed for students interested in the chemistry research experience in the field of biogeochemistry, a multidisciplinary approach focused at understanding the chemical composition and processes of Earth's biosphere. (Not open to seniors.)											
Prerequisite(s): Instructor consent											
Attributes: C: <i>Physical and Natural Processes</i> Natural Science											
	1259	001	.5		Helen K. White					0	
CHEM	H269J				Research Tutorial in Materials Science						
One-half credit course for the year designed for students interested in the chemistry research experience in the field of biogeochemistry, a multidisciplinary approach focused at understanding the chemical composition and processes of Earth's biosphere. (Not open to seniors.)											
Prerequisite(s): Instructor consent											
Attributes: C: <i>Physical and Natural Processes</i> Natural Science											
	1260	001	.5		Alexander Norquist					0	
	2639	002	.5		Gordon Peterson					0	
CHEM	H301A				Lab in Chemical Structure and Reactivity						
Two lectures and two laboratory periods. An introduction to the methods of research in chemistry. Inorganic, organic, physical chemistry, computational chemistry, and biochemical concepts are integrated in a broad laboratory study of structure and its relationship to chemical reactivity. Physical methods are used in studies of organic, inorganic, and biochemical reactions. Chemical synthesis and the modern methods of computation and instrumental analytical chemistry are particularly stressed.											
Attributes: <i>Biochemistry and Molecular Biology</i> C: <i>Physical and Natural Processes</i> Natural Science											
	1246	001	1.0		TBA Department staff	M W	11:30AM	12:25PM		0	
	1720	002	1.0		TBA Department staff	T Th	11:30AM	12:25PM		0	
	1247	00A	.0		TBA Department staff	M W	1:00PM	3:55PM	ESTW108	0	
	1719	00B	.0		TBA Department staff	T Th	1:00PM	3:55PM	ESTW108	0	
CHEM	H304A				Statistical Thermodynamics and Kinetics						
A quantitative approach to the description and prediction of behavior in chemical systems. Topics to be covered include: introductory quantum mechanics and energy in molecules, statistical mechanics and energy partitioning, thermodynamics of molecules and larger systems, physical and chemical equilibrium, and chemical kinetics. Systems of interest range from single molecules to complicated condensed-phase macromolecular assemblies; specific experimental examples of single-molecule observation, phase changes in lipids and liquid crystals, and observations of protein folding will be discussed in the context of the course material.											
Prerequisite(s): MATH H118 (or placement beyond MATH H118) and either CHEM H104 or CHEM H112 or CHEM H114											
Attributes: <i>Biochemistry and Molecular Biology</i> Biophysics C: <i>Physical and Natural Processes</i> Natural Science											
Quantitative											
	1245	001	1.0		TBA Department staff	T Th	8:30AM	9:55AM		0	
CHEM	H310D				Seminar in the Social Relevance of Chemistry						
This seminar will explore, articulate, and discuss the influence that Chemistry and society have on each other. Participants will develop awareness of the historical, political and cultural context of western science, with specific attention to how chemistry affects, and is affected by, the exclusion of people and ideas based on race, ethnicity, ability, socioeconomic status, and other identities. Participants will connect these topics of study to their current roles at Haverford and future careers.											
Pre-requisite(s): One semester of CHEM 225 or a declared Chemistry major											

Haverford College Fall 2024 Course Guide

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Lottery Preference: Declared Majors: Seniors, then Juniors Enrollment Limit: 25 Attributes: C: <i>Physical and Natural Processes</i> Natural Science										
	1554	001	.5		Helen K. White	T	7:30PM	9:55PM		0
CHEM	H355E	Topics in Advanced Organic Chemistry: Photochemistry								
Photochemistry, the study of the interaction of molecules with light, gives us insight into topics as diverse as photosynthesis, atmospheric ozone formation, semiconductor manufacturing, and even the mechanism by which you are currently perceiving the words on this page. This course will build off of concepts introduced in quantum chemistry to dive deeply into these fundamental light-matter interactions. We'll discuss core photophysical topics such as what determines why some molecules interact with visible light and what causes fluorescence, and photochemical concepts of chemical reactions from the excited state. The course will culminate with students presenting an independent project on a photochemical concept or application that interests them. Prerequisite(s): CHEM H305 or co-requisite: CHEM B221 Attributes: C: <i>Physical and Natural Processes</i> Natural Science										
	1444	001	.5		TBA Department staff	M	7:30PM	9:55PM		0
CHEM	H361A	Senior Research Tutorial in Physical Chemistry								
Directed research in physical chemistry, condensed phase chemical physics, and biophysical chemistry, with emphasis on spectroscopic studies of site-specific environmental and conformational dynamics in peptides and proteins. Prerequisite(s): Instructor consent Attributes: <i>Natural Science</i>										
	1262	001	1.0		Casey H Londergan					0
CHEM	H362A	Senior Research Tutorial in Theoretical Chemistry								
Directed research in computational and theoretical physical chemistry, with emphasis on development and application of methods for prediction of optical, electronic, and mechanical properties of organic and inorganic semiconductor nanostructures. Prerequisite(s): Instructor consent Attributes: <i>Natural Science</i>										
	1273	001	1.0		Clyde Daly					0
CHEM	H363A	Senior Research Tutorial in Organic Chemistry								
Directed research in synthetic organic chemistry, and physical-organic chemistry. Topics include total synthesis of biologically significant molecules, new methods of enantioselective synthesis and the study of organic reaction mechanisms. Prerequisite(s): Instructor consent Attributes: <i>Natural Science</i>										
	1263	001	1.0		Leah Seebald					0
	1770	002	1.0		Theresa D. Gaines					0
CHEM	H367A	Senior Research Tutorial in Biological Chemistry								
Topics include synthesis and reactivity of chiral platinum complexes; structural characterization of platinum oligonucleotide complexes by combined multidimensional NMR/computational methods. Prerequisite(s): Instructor consent Attributes: <i>Natural Science</i>										
	1265	001	1.0		Louise Charkoudian					0
CHEM	H368A	Senior Research Tutorial in Environmental Chemistry								
Directed research in environmental chemistry, centered in the field of biogeochemistry, a multidisciplinary approach focused at understanding the chemical composition and processes of Earth's biosphere. Prerequisite(s): Instructor consent Attributes: <i>Natural Science</i>										
	1266	001	1.0		Helen K. White					0
CHEM	H369A	Senior Research Tutorial: Materials Science								
Directed research in inorganic materials chemistry. Topics include synthesis and structural characterization of organically templated microporous materials.										

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
Prerequisite(s): Instructor consent										
<i>Attributes: Natural Science</i>										
	1267	001	1.0	Alexander Norquist						0
	2640	002	1.0	Gordon Peterson						0
CHEM	H391J	Chemistry Departmental Seminar								
Presentation and discussion of current research topics in the various areas of chemistry by faculty, students and outside speakers. One meeting per week throughout the year (one-half course credit). This course is graded universal P/F in which no numerical grade is assigned.										
Prerequisite(s): concurrent enrollment in a research tutorial course (CHEM H361 to CHEM H369, or equivalent).										
<i>Attributes: Natural Science</i>										
	1261	001	.5	Casey H Londergan	F	2:30PM	3:55PM			0
CMSC	H105A	Introduction to Computer Science								
Introduction to the intellectual and software tools used to create and study algorithms: formal and informal problem specification; problem solving and algorithm design techniques; reliability, formal verification, testing, and peer code review techniques; program clarity, complexity and efficiency; functional and imperative paradigms; associated programming skills. Students must attend a one-hour weekly lab. Labs will be sectioned by course professor.										
Prerequisite(s): May not be taken by students who have taken any one of HC: CMSC 104, CMSC 107; BMC: CMSC 110, except by instructor consent										
Enrollment Limit: 32										
Lottery Preference(s): 24 spaces reserved for incoming freshmen, then:										
1) Sophomores										
2) Senior Scientific Computing concentrators										
3) Junior CS minors, Junior Scientific Computing concentrators, and Junior CS concentrators										
4) Others										
<i>Attributes: C: Physical and Natural Processes Natural Science Quantitative</i>										
	1096	001	.0	Alvin Grissom	T Th	10:00AM	11:25AM			0
	1379	002	.0	Alvin Grissom	T Th	2:30PM	3:55PM			0
	1093	00A	1.0	Suzanne Lindell	Th	12:30PM	1:25PM			0
	1094	00B	1.0	Alvin Grissom	Th	1:30PM	2:25PM			0
	1095	00C	1.0	Suzanne Lindell	F	8:30AM	9:25AM			0
	1391	00D	1.0	Suzanne Lindell	F	9:30AM	10:25AM			0
	1392	00E	1.0	Suzanne Lindell	F	10:30AM	11:25PM			0
CMSC	H106A	Introduction to Data Structures								
An introduction to the fundamental data structures of computer science: strings, lists, stacks, queues, trees, BSTs, graphs, sets and their accompanying algorithms. Principles of algorithmic analysis and object reasoning and design will be introduced using mathematical techniques for the notions of both complexity and correctness. More practical issues, such as memory management and hashing, will also be covered. The programming language used to illustrate and implement these concepts will be able to support functional, imperative and object-oriented approaches. Emphasis will be placed on recursive thinking and its connection to iteration. Students must attend a one-hour weekly lab. Labs will be sectioned by course professor.										
Prerequisite(s): CMSC 105 (or 110 or 113 at Bryn Mawr) or instructor consent; may not be taken by students who have taken any one of HC: CMSC 104, CMSC 107; BMC: CMSC 206, CMSC 151, except by instructor consent										
Enrollment Limit: 32										
Lottery Preference(s): Sophomores then first-years, then Scientific Computing concentrators, then Computer Science minors and concentrators										
<i>Attributes: C: Physical and Natural Processes Natural Science Quantitative</i>										
	1708	001	.0	Sorelle A. Friedler	T Th	1:00PM	2:25PM			0
	1706	00A	1.0	Sorelle A. Friedler	Th	2:30PM	3:25PM			0
	1707	00B	1.0	Suzanne Lindell	F	11:30AM	12:25PM			0

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
CMSC	H107A	Introduction to Computer Science and Data Structures								
An accelerated treatment of CMSC 105/106 for students with significant programming experience. Reviews programming paradigms, while focusing on techniques for reasoning about software: methodical testing, formal verification, code reviews, other topics as time permits. Includes lab work.										
Prerequisite(s): CMSC104 or instructor consent, or placement by CS faculty, based on CS placement test. If you are interested in CMSC 107, you should preregister for the CMSC 105 section at the same time and take the placement test by the deadline, typically Wednesday before classes start; may not be taken by students who have taken any one of HC: CMSC 105, CMSC 106; BMC: CMSC 206, except by instructor consent										
Enrollment Limit: 32										
Lottery Preferences: 18 spaces reserved for incoming freshmen, then:										
1) Sophomores										
2) Senior Scientific Computing concentrators										
3) Junior CS minors, Junior Scientific Computing concentrators, and Junior CS concentrators										
4) Others										
<i>Attributes: C: Physical and Natural Processes Natural Science Quantitative</i>										
	1091	001	.0	Replacement Interim		M W	2:30PM	3:55PM		0
	1089	00A	1.0	Replacement Interim		W	1:30PM	2:25PM		0
	1090	00B	1.0	Suzanne Lindell		W	8:30AM	9:25AM		0
	1092	00C	1.0	Suzanne Lindell		W	9:30AM	10:25AM		0
CMSC	H210A	Linear Optimization								
An introduction to the optimization of a linear function subject to linear constraints, with applications that include game theory, transportation problems, and network flows. The course includes some theoretical material on the properties of these linear optimization problems, and also a strong emphasis on algorithms, especially the simplex method and some enhancements to it (which are especially relevant since many applications involve many variables and many constraints).										
Crosslisted: Mathematics, Computer Science, Economics										
Prerequisite(s): Co-requisite of Math 121 or 215, or equivalent placement, or instructor consent										
Enrollment Limit: 35										
<i>Attributes: C: Physical and Natural Processes Data Science Natural Science</i>										
	2648	001	1.0	Robert S. Manning		M W	1:00PM	2:25PM		0
CMSC	H231A	Discrete Mathematics								
An introduction to discrete mathematics with strong applications to computer science. Topics include set theory, functions and relations, propositional logic, proof techniques, difference equations, graphs, and trees.										
Co-requisite(s): CMSC 105, 107, or B110 or B113 or instructor consent										
Enrollment Limit: 24										
Lottery Preference(s): 8 spaces reserved for incoming first-year students, then:										
1) Junior CS majors										
2) Sophomores										
3) Senior CS minors										
4) Junior CS minors										
5) Senior CS concentrators										
6) Junior CS concentrators										
7) Others										
<i>Attributes: C: Physical and Natural Processes Natural Science Quantitative</i>										
	1502	001	1.0	Replacement Interim		M W F	10:00AM	11:25AM		0
	1635	00A	.0	Replacement Interim		M W F	10:00AM	11:25AM		0
CMSC	H251A	Principles of Computing Systems								
What actually happens when you hit "run", after writing your program? This course introduces the elements of hardware and language/O.S. software that execute a program, serving as a foundation for later work in these areas, and providing insights into computing efficiency that may be important to a wide range of programmers. Includes weekly lab exercises, on principles										

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
covered in lecture, and details from lecture and self-teaching (according to resource-use principles presented in the course).										
Pre-requisite(s): Both CMSC H106, H107, B151, or B206; and CMSC 231 (the latter as co-requisite)										
Lottery Preference: In fall: Senior CS majors, Junior CS majors, Sophomores, other Seniors, other Juniors (with 4 seats reserved for frosh) In spring: Senior CS majors, Frosh and Sophomores, Junior CS majors, other Seniors, other Juniors										
Enrollment Limit: 25										
<i>Attributes: C: Physical and Natural Processes Natural Science</i>										
	1423	001	.0		John P. Dougherty	T Th	8:30AM	9:55AM		0
	1421	00A	1.0		Replacement Interim	M	11:30AM	12:25PM		0
	1422	00B	1.0		Replacement Interim	M	2:30PM	3:25PM		0
CMSC	H260A	Foundations of Data Science								
This course will introduce students to the principles of learning from data, including basic modeling, applied linear algebra, probability, statistics, and visualization. The lab component will focus on implementation and analysis in Python.										
Pre-requisite(s): MATH 105 or equivalent, CMSC H106/CMSC B151 (Data Structures), corequisite CMSC H231 (Discrete Math), or permission of the instructor.										
Enrollment Limit: 25										
Lottery Preference: 1. Sophomores 2. Senior CS Majors 3. Junior CS Majors 4. Scientific Computing Concentrators										
<i>Attributes: C: Physical and Natural Processes Natural Science</i>										
	1106	001	.0		TBA Department staff	M W	1:00PM	2:25PM		0
	1104	00A	1.0		TBA Department staff	T	1:30PM	2:25PM		0
	1105	00B	1.0		TBA Department staff	T	2:30PM	3:25PM		0
CMSC	H340A	Analysis of Algorithms								
Qualitative and quantitative analysis of algorithms and their corresponding data structures from a precise mathematical point of view. Performance bounds, asymptotic and probabilistic analysis, worst case and average case behavior. Correctness and complexity. Particular classes of algorithms such as sorting searching will be studied in detail.										
Crosslisted: Computer Science, Mathematics										
Prerequisite(s): CMSC 106 or 107 or B206, and 231, or instructor consent										
Enrollment Limit: 24										
Lottery Preferences:										
1.) Senior CS majors										
2.) Senior CS minors										
3.) Junior CS majors and Senior CS concentrators										
4.) Sophomores and first-year students										
5.) Others										
<i>Attributes: C: Physical and Natural Processes Natural Science Quantitative</i>										
	1101	001	.0		Steven Lindell	M W F	10:00AM	11:25AM		0
	1100	00A	1.0		Steven Lindell	M W F	10:00AM	11:25AM		0
CMSC	H364A	Computational Biology								
This course introduces foundational algorithms that have become essential for learning from biological data. With the genome sequencing revolution, it has become easier and cheaper to obtain genetic data, but often challenging to store, analyze, and make sense of this data. These questions have driven new algorithm development and repurposed existing algorithms for biology. We will study these algorithms from a variety of angles, including theory, implementation, application, biological interpretation, and communication of results.										
Pre-requisite(s): CS260 "Foundations of Data Science"										
Lottery Preference: Lottery Preference(s): Seniors CS majors; Junior CS majors; CS minors; Scientific Computing concentrators; Seniors; Juniors; Sophomores										
Enrollment Limit: 25.00										
<i>Attributes: C: Physical and Natural Processes Natural Science</i>										
	2688	001	.0		Sara Mathieson	T Th	1:00PM	2:25PM		0
	2686	00A	1.0		Sara Mathieson	Th	10:30AM	11:25AM		0

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
		2687	00B	1.0	Sara Mathieson	Th	11:30AM	12:25PM		0
CMSC	H399A	Senior Thesis								
		Fall seminar required for seniors writing theses, dealing with the oral and written exposition of advanced material. Lottery Preference(s): Senior standing Attributes: Natural Science								
		1088	001	1.0	Sorelle A. Friedler	F	1:30PM	3:55PM		0
CMSC	H480A	Independent Study								
		Independent study, supervised by a member of the Computer Science department. Prerequisite(s): Instructor consent								
		1097	001	1.0						0
CMSC	H480F	Independent Study								
		Independent study, supervised by a member of the Computer Science department. Prerequisite(s): Instructor consent								
		1098	001	.5						0
		1099	002	.5						0
		1102	003	.5						0
CNSE	H007A	First-Year Chinese Non-Intensive								
		This course is designed for students who have some facility in listening, speaking, reading and writing Chinese but have not yet achieved sufficient proficiency to take Second-year Chinese. It is a year-long course that covers the same lessons as the intensive First-year Chinese, but the class meets only three hours a week. Students must place into Chinese 007 through the Chinese Language Placement exam. Attributes: A: Meaning, Interpretation (Texts) Humanities								
		2578	001	1.0	Lan Yang	T Th	10:00AM	11:25AM		0
COML	H142A	Introduction to Visual Studies								
		An introduction to the trans-disciplinary field of Visual Studies, its methods of analysis and topical concerns. Traditional media and artifacts of art history and film theory, and also an examination of the ubiquity of images of all kinds, their systems of transmission, their points of consumption, and the very limits of visuality itself. Crosslisted: Visual Studies, Fine Arts, Comparative Literature Enrollment Limit: 25 Lottery Preference(s): 1.) Senior Visual Studies minors 2.) Other declared Visual Studies minors 5 spaces reserved for incoming first years Attributes: A: Meaning, Interpretation (Texts) Humanities Visual Studies								
		1365	001	1.0	Emily Teera-Hong	T Th	10:00AM	11:25AM		0
COML	H200A	Introduction to Comparative Literature								
		This course introduces the study of literature across geographical, linguistic, cultural, disciplinary, and chronological barriers. In order to do so, it explores an idea that transcends such barriers: the idea that literature may and perhaps even ought to blow one's mind. This idea, often called "the sublime" or "sublimity," raises a series of questions: -Why should a person have, or avoid, mind-blowing experiences? -How does literature compare to other cognitive challenges? -What is "literature" in the first place? -How is it possible to "compare" things, especially very different things, without doing injustice to one, the other, or all of them? The course materials consist mainly of texts and films by Jane Austen, Italo Calvino, Miguel de Cervantes, Aimé Césaire, Daniel Kwan/Daniel Scheinert, Michel de Montaigne, Raoul Peck, William Shakespeare, and Lina Wertmuller, among others. Attributes: A: Meaning, Interpretation (Texts) Humanities								
		1584	001	1.0	Maud B McInerney	T Th	10:00AM	11:25AM		0
COML	H209A	Classical Mythology								

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
<p>An introduction to the primary characters and stories of Greek and Roman mythology including cosmic creation, Olympian and other deities, and heroes both as they appear in Greek and Roman literature and art and as they are later represented in modern art, music, and film.</p> <p>Crosslisted: Classical Studies, Comparative Literature, Religion</p> <p>Attributes: A: Meaning, Interpretation (Texts) Gender and Sexuality Studies Humanities Visual Studies</p>										
	2624	001	1.0	Matthew Cullen Farmer	T Th	1:00PM	2:25PM			0
	2625	002	1.0	Matthew Cullen Farmer	T Th	2:30PM	3:55PM			0
COML	H223A	Visualizing Nations: Africa and Europe								
<p>This course will explore ideas of nation-building in regard to the transnational relations between Europe and Africa. We will discuss African and European experiences of nation-creation to distinguish between exclusionary and inclusionary visions of nation states, and focus in particular on literary texts from Great Britain, Germany, and France in comparison with literary texts from Nigeria, South Africa, and Algeria.</p> <p>Enrollment Limit: 20</p> <p>Attributes: Humanities Visual Studies</p>										
	2704	001	1.0	Imke Brust	M	1:30PM	3:55PM			0
COML	H250A	Quixotic Narratives								
<p>This course proposes a bilingual reading of Miguel de Cervantes' famous novel, El ingenioso hidalgo don Quijote de la Mancha. The adventures of Don Quijote and Sancho Panza force readers to probe the fraught and circular relationship between life and art. How do we know when something is true? What happens when fictions, dreams, or outright lies become confused with the truth? What role does art play in catalyzing this desire to transform the world? Course readings and discussion will be largely in Spanish with the option of reading the novel in translation and participating in course discussion in either Spanish, English or Spanglish. Please be advised: Students who wish to receive credit towards a SPAN major or minor must complete course readings and assignments in Spanish. This course fulfills the "pre 1898" requirement.</p> <p>Crosslisted: Spanish, Comparative Literature.</p> <p>Enrollment Limit: 25</p> <p>Attributes: A: Meaning, Interpretation (Texts) Humanities Latin American, Iberian, and Latinx Studies</p>										
	2703	001	1.0	Luis Rodriguez-Rincon	M W	1:00PM	2:25PM			0
COML	H254A	When to Obey is to Betray: The French Resistance in Cinema and Literature								
<p>This interdisciplinary course explores the French Resistance during World War II through the lens of cinema and literature. Delving into the complex intersections of history, fiction, and memory, students will uncover the dynamic relationships between popular culture and collective remembrance. Students will examine how fiction intersects with historical "truth", challenging conventional narratives and revealing the intricate myth-making strategies at play. Highlighting both iconic and lesser-known works, this course sheds light on the often-overlooked contributions of women to the Resistance movement, exploring their invisibility in traditional accounts and their resurfacing in contemporary depictions. Students will critically engage with the complexities of historical representation, grappling with questions of "truth", memory, and the enduring legacy of resistance. This course is designed for students with interests in cinema, history, literature, and cultural studies.</p> <p>Crosslisted: COML.</p> <p>Pre-requisite(s): First-year writing course</p> <p>Attributes: A: Meaning, Interpretation (Texts) Humanities</p>										
	1631	001	1.0	Christophe Corbin	T Th	1:00PM	2:25PM			0
COML	H270A	The Art of Sports: Ancient and Modern								
<p>This course explores the visual and poetic life of sports, ancient and modern. It brings together cultural criticism, visual analysis, and historical study to theorize the beauty of athletics. Concepts of the body, gender, race and performance, and tropes such as "for the love of the game," "feel for the game" and "poetry in motion" will organize our work on the sensory and aesthetic dimensions of sports. No prior expertise in classics, art or sports necessary.</p> <p>Crosslisted: COML,VIST.</p> <p>Enrollment Limit: 25.00</p> <p>Attributes: A: Meaning, Interpretation (Texts) Africana Studies B: Analysis of the Social World Gender and Sexuality Studies Humanities Visual Studies</p>										

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
		2658	001	1.0	Ava Shirazi	T	7:30PM	9:55PM		0
COML	H312A	Adv Topics French Literature								
		During the 19th century, and more specifically the Second Empire (1852-1870), Emperor Napoleon III and Baron Eugene Haussmann embarked on the demolition and reconstruction of Paris, a project that would establish the capital as the modern city so widely celebrated today. In this course, we will explore the ways writers and artists during this time experienced the city and discovered new ways of seeing their world as a result of these (sometimes polarizing) transformations. Through works by Baudelaire, Balzac, Sue, and Zola, as well as artists such as Caillebotte, Cassatt, Manet, Monet, and Renoir, we will appreciate what writers and artists discovered as they became « painters of modern life », looking closely, for the first time, at everyday objects as veritable objects of art. Alongside the readings of these classics, students will keep a personal journal where they will consider new ways of seeing their world, reflecting on mundane encounters, and transforming simple objects and panoramas into their own « chefs d'œuvre ».								
		Crosslisted: FREN and COML								
		Attributes: A: Meaning, Interpretation (Texts) Africana Studies Humanities								
		1059	001	1.0	Kathryne Adair Corbin	W	1:30PM	3:55PM		0
COML	H377A	Problems in Postcolonial Literature: Violence, Terror, and Identity								
		An examination of the rhetorical and narrative strategies adopted by postcolonial texts as they negotiate the aesthetic challenges and political complexities of representing violence and terror. Working with fiction, nonfiction, and film, the course will measure the different effects of realism, magical realism, surrealism, and the grotesque as modes of representing the dialectic of violation and violence.								
		Crosslisted: English, Comparative Literature								
		Prerequisite(s): Two 200-level English courses or instructor consent								
		Enrollment Limit: 15								
		Attributes: A: Meaning, Interpretation (Texts) Africana Studies B: Analysis of the Social World Gender and Sexuality Studies Humanities								
		2635	001	1.0	Alexander Millen	M W	10:00AM	11:25AM		0
COML	H480A	Independent Study								
		1397	001	1.0						0
CSTS	H209A	Classical Mythology								
		An introduction to the primary characters and stories of Greek and Roman mythology including cosmic creation, Olympian and other deities, and heroes both as they appear in Greek and Roman literature and art and as they are later represented in modern art, music, and film.								
		Crosslisted: Classical Studies, Comparative Literature, Religion								
		Attributes: A: Meaning, Interpretation (Texts) Gender and Sexuality Studies Humanities Visual Studies								
		2608	001	1.0	Matthew Cullen Farmer	T Th	1:00PM	2:25PM		0
		2609	002	1.0	Matthew Cullen Farmer	T Th	2:30PM	3:55PM		0
CSTS	H270A	The Art of Sports: Ancient and Modern								
		This course explores the visual and poetic life of sports, ancient and modern. It brings together cultural criticism, visual analysis, and historical study to theorize the beauty of athletics. Concepts of the body, gender, race and performance, and tropes such as "for the love of the game," "feel for the game" and "poetry in motion" will organize our work on the sensory and aesthetic dimensions of sports. No prior expertise in classics, art or sports necessary.								
		Crosslisted: COML,VIST.								
		Enrollment Limit: 25.00								
		Attributes: A: Meaning, Interpretation (Texts) Africana Studies B: Analysis of the Social World Gender and Sexuality Studies Humanities Visual Studies								
		2657	001	1.0	Ava Shirazi	T	7:30PM	9:55PM		0
CSTS	H398A	Senior Seminar								
		A bi-college seminar focused on refining the ability to read, discuss, and analyze classical culture and the scholarship of various sub-fields of Classical Studies (e.g. literature, religion, philosophy, law, social history), leading towards the completion of a prospectus for the senior thesis.								

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
<i>Attributes: Humanities</i>										
		2607	001	1.0	Ava Shirazi	F	1:30PM	3:55PM		0
CSTS	H460F	Teaching Assistant								
		2605	001	.5						0
EALC	H132A	Japanese Civilization								
A broad chronological survey of Japanese culture and society from the earliest times to the present, with special reference to such topics as belief, family, language, the arts, and sociopolitical organization. Readings include primary sources in English translation and secondary studies.										
<i>Attributes: A: Meaning, Interpretation (Texts) B: Analysis of the Social World Humanities Visual Studies</i>										
		2451	001	1.0	Hank Glassman	T Th	1:00PM	2:25PM		0
EALC	H200A	Major Seminar: Approaches to the Study of East Asian Cultures								
This course is a writing intensive course for EALC majors and minors to some foundational ideas and concepts in the study of East Asia. Beginning with close readings of primary source texts in translation, students are introduced to the philosophy and culture of China, and its subsequent transmission and adaptation across the vast geographical and cultural area that is commonly referred to as "East Asia." Students will gain familiarity with methods in this interdisciplinary field and develop skills in the practice of close critical analysis, bibliography, and the formulation of a research topic. Required of EALC majors and minors. Majors should take this course before the senior year.										
This is a one-term course offered in the Fall and the Spring. The Fall term focuses more on development and transformation of Chinese thought and systems in Japan, and the Spring term on the elaboration of these key themes in a Chinese context.										
Prerequisite: One year of Chinese or Japanese.										
<i>Attributes: B: Analysis of the Social World Humanities Social Science</i>										
		1585	001	1.0	Erin Schoneveld	T	1:30PM	3:55PM		0
EALC	H231A	Pre-modern Japanese Literature								
This is a course introducing classical and medieval Japanese literature, and also related performance traditions. No background in either East Asian culture or in the study of literature is required; all works will be read in English translation. (Advanced Japanese language students are invited to speak with the instructor about arranging to read some of the works in the original or in translation into modern Japanese.) The course is a chronological survey of Japanese literature from the tenth century to the fifteenth. It will focus on well-known texts like the Tale of Genji and the Pillow Book, both written by women, and the ballad-form Tale of the Heike.										
<i>Attributes: A: Meaning, Interpretation (Texts) B: Analysis of the Social World Humanities Visual Studies</i>										
		1586	001	1.0	TBA Department staff	T Th	11:30AM	12:55PM		0
EALC	H306A	Japanese Book Art and Printing								
We will focus on Japanese book art from early illustrated scrolls to contemporary artists' books and explore a range of printmaking processes. Each unit is paired with a hands-on exercise that introduces a printmaking or bookmaking technique. Through readings, discussions, and hands-on activities, students will gain vocabulary to describe the materiality of printed books and contemplate their social and conceptual implications, discovering how books and printing can challenge perceived assumptions about art and reading.										
Lottery Preference: EALC and VIST students										
Enrollment Limit: 15.00										
<i>Attributes: A: Meaning, Interpretation (Texts) Humanities Visual Studies</i>										
		2692	001	1.0	Honglan Huang	M	1:30PM	3:55PM		0
EALC	H398A	Senior Seminar								
A semester-long research workshop culminating in the writing and presentation of a senior thesis. Required of all majors;										
<i>Attributes: Humanities</i>										
		2452	001	1.0	Hank Glassman	F	1:00PM	3:25PM		0
ECON	H105A	Introduction to Economics								
An introduction to microeconomic and macroeconomic concepts and topics. Micro topics include opportunity cost, supply and demand, consumer decision making, the theory of the firm, production costs, market structures, market failure, efficiency, and welfare. Macroeconomic topics include: measurement of national output, inflation and unemployment, equilibrium output										

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
					determination, money and banking, interest rates, and fiscal and monetary policy. Because ECON 105 requires graphical and algebraic competency, students are strongly encouraged to take a college-level calculus course either before or concurrently with this course.					
					<i>Attributes: B: Analysis of the Social World Social Science</i>					
			1219	001	1.0	Saleha Jilani	T Th	11:30AM	12:55PM	0
			1220	002	1.0	Alberto Arredondo-Chavez	T Th	2:30PM	3:55PM	0
ECON	H201A				Analytical Methods for Economics					
					The course explores several foundational models that shape our understanding of the nature of economic choices and interactions. We develop mathematical tools that are commonly used in the study of economics. This course is intended for students planning to major or minor in economics.					
					Prerequisite(s): Math 105 or Math 118 at Haverford College (or a comparable course in calculus at another college), or placement into Math 121 or higher; ECON 104 or ECON 105 or ECON 106					
					<i>Attributes: B: Analysis of the Social World C: Physical and Natural Processes Quantitative Social Science</i>					
			1232	001	1.0	Wei Qian	M W	10:00AM	11:25AM	0
ECON	H203A				Statistical Methods in Economics					
					Foundations of statistical inference and data analysis. Three class hours and two lab hours.					
					Prerequisite(s): ECON 104, 105, or 106; Completion of Math 105 or Math 118 at Haverford College (or a comparable course in calculus at another college), or placement into Math 121 or higher.					
					<i>Attributes: B: Analysis of the Social World Quantitative Social Science</i>					
			1226	001	1.0	Richard J. Ball	M W	1:00PM	2:25PM	0
			1233	00A	.0	Richard J. Ball	T	7:30PM	9:55PM	0
ECON	H205A				Corporate Finance					
					This course provides an introduction to the principles and practices of finance. Topics include financial analysis, the time value of money, valuation, capital structure, and capital budgeting. Ethical and societal issues related to financial activity will also be examined. Students may take this course or Econ 306 - Advanced Corporate Finance, but not both.					
					<i>Attributes: B: Analysis of the Social World</i>					
			2610	001	1.0	Neal Grabell	M	7:30PM	9:55PM	0
ECON	H210A				Linear Optimization					
					An introduction to the optimization of a linear function subject to linear constraints, with applications that include game theory, transportation problems, and network flows. The course includes some theoretical material on the properties of these linear optimization problems, and also a strong emphasis on algorithms, especially the simplex method and some enhancements to it (which are especially relevant since many applications involve many variables and many constraints).					
					Crosslisted: Mathematics, Computer Science, Economics					
					Prerequisite(s): Co-requisite of Math 121 or 215, or equivalent placement, or instructor consent					
					Enrollment Limit: 35					
					<i>Attributes: C: Physical and Natural Processes Data Science Natural Science</i>					
			2649	001	1.0	Robert S. Manning	M W	1:00PM	2:25PM	0
ECON	H236A				Introduction to Behavioral Economics					
					This course explores how observations of human psychology has influenced our understanding of economic thinking and decision-making. Students will reinforce and expand their understanding of classical economic models, and learn to work with new models incorporating insights from the field of psychology. Course assignments include problem sets, as well as work with real world data sets and academic writing.					
					Crosslisted: PSYC.					
					Pre-requisite(s): Economics 104 or 105, or equivalent					
					Enrollment Limit: 25					
					<i>Attributes: B: Analysis of the Social World Social Science</i>					
			1560	001	1.0	David M. Owens	T Th	10:00AM	11:25AM	0
ECON	H298A				Impact Investing					

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
<p>Impact investing is investing to generate both a financial return and a positive social benefit. It supports firms seeking to address social, environmental and /or governance problems (ESG) in a sustainable way often within market activity. The focus of this course is to not only gain an understanding of the theory and practice of impact investing across its many components, but also to gain practical experience by assessing a particular set of potential impact investments, making formal presentations of findings to an investment committee leading to a recommendation for investment to a partnering foundation.</p> <p>Crosslisted: Economics, Independent College Programs, PJHR</p> <p>Prerequisite(s): ECON 104 or 105 or 106</p> <p>Enrollment Limit: 16</p> <p>Attributes: B: Analysis of the Social World Peace, Justice and Human Rights Social Science B: Analysis of the Social World Peace, Justice and Human Rights Social Science</p>										
	1544	001	1.0	Shannon B. Mudd	M W	1:00PM	2:25PM			0
	1544	001	1.0	Shannon B. Mudd	F	1:00PM	1:55PM			0
ECON	H300A	Intermediate Microeconomic Analysis								
<p>Microeconomic theory has developed around the analysis of Adam Smith's "invisible hand" conjecture. To test this conjecture, we model the behavior of economic actors (consumers and firms) and their interaction in different markets. These models allow us to investigate the conditions under which these markets work well, less well, or not at all. In the process, basic tools and concepts used in other areas of economics are developed. Many of the topics covered in Introduction to Economics (ECON 105/106) are studied more rigorously and in greater depth. New topics, such as behavior under risk, insurance, and imperfect information, are introduced.</p> <p>Prerequisite(s): ECON 201</p> <p>Section 001 is Asynchronous</p> <p>Attributes: B: Analysis of the Social World Social Science</p>										
	1703	001	1.0	Giridhar Parameswaran	Asynchronous					0
	2576	001A	.0	Giridhar Parameswaran		T	8:30AM	9:55AM		0
	2577	002A	.0	Giridhar Parameswaran		T	10:00AM	11:25PM		0
	1704	00A	.0	John P. Dougherty		M	8:30AM	9:25AM		0
	1705	00B	.0	John P. Dougherty		M	9:30AM	10:25AM		0
	2397	00C	.0	John P. Dougherty		M	10:30AM	11:25AM		0
ECON	H304A	Introduction to Econometrics								
<p>Development of econometric theory introduced in Economics 203. Includes topics such as ordinary least squares estimation, weighted least squares estimation, estimation of models with nonlinear forms, instrumental variables, and maximum likelihood estimation. Emphasis will be on application of econometric techniques to real economic and social policy issues such as the optimality of speed limit control, AIDS awareness and behavior modification, labor market discrimination, and worker productivity. Students will be expected to use data sets to evaluate policy issues and will be required to make a final presentation of findings in class.</p> <p>Prerequisite(s): ECON 104, 105 or 106; MATH 118 (or equivalent of 2 semesters of college calculus); ECON 203 or 204 or MATH 203 or SOCL 215 or PSYCH 200, or Bryn Mawr's ECON B253</p> <p>Attributes: C: Physical and Natural Processes Social Science</p>										
	1221	001	1.0	Timothy Lambie-Hanson		T Th	11:30AM	12:55PM		0
ECON	H347A	Advanced Macroeconomics								
<p>This course builds upon the theory introduced in intermediate macroeconomics, with emphasis on empirical research and tests of the effects of macroeconomic policy. Students will present a recent journal article to the class and will write policy briefs on current issues in macroeconomic policy.</p> <p>Prerequisite(s): ECON 302 or ECON B202 at Bryn Mawr; ECON 304 (can be taken concurrently), or instructor consent</p> <p>Attributes: B: Analysis of the Social World Mathematical Economics Social Science</p>										
	1909	001	1.0	Carola Binder		M W	10:00AM	11:25AM		0
ECON	H372A	Junior Research Seminar: Advanced International Trade								

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crđ	Instructor(s)	Days	Start	End	Room	Enrld
<p>This seminar-based course covers topics in international trade theory and policy, and foreign direct investment. Determinants of international trade and foreign investment will be analyzed, and we will examine the motivations for and consequences of tariffs and quantitative restrictions on trade. Topics include dynamic comparative advantage, factor movements and multinational corporations, effects of trade on economic growth and income inequality, international trade policy negotiations, the economics of trade agreements and disputes, and regional economic integration. Prerequisite(s): ECON 300 or ECON B200 at Bryn Mawr; ECON 304 (can be taken concurrently). MATH 118 (or equivalent of 2 semesters of college calculus) Enrollment Limit: 15 Attributes: A: Meaning, Interpretation (Texts) B: Analysis of the Social World C: Physical and Natural Processes Social Science</p>										
		1911	001	1.0	Saleha Jilani	T	1:30PM	3:55PM		0
ECON	H374A	Jr Research Seminar: Topics in Industrial Organization								
<p>Industrial organization is the study of firm behavior in imperfect competition. This seminar introduces important empirical and theoretical work in this field. Major topics include monopoly behavior, adverse selection, oligopoly, market foreclosure, collusion, and the theory of the firm. Prerequisite(s): ECON 300 or ECON B200 at Bryn Mawr; MATH 118 (or equivalent of 2 semesters of college calculus) Enrollment Limit: 15 Lottery Preference(s): Senior Economics majors 1st; Junior Economics majors 2nd. Attributes: A: Meaning, Interpretation (Texts) B: Analysis of the Social World C: Physical and Natural Processes Social Science</p>										
		1910	001	1.0	Timothy Lambie-Hanson	M W	11:30AM	12:55PM		0
ECON	H396A	Research Seminar								
<p>Must be a senior Economics major. Prerequisite(s): ECON 203 or 204 or MATH 203 or SOCL 215 or PSYC 200 or Bryn Mawr's ECON B253; ECON 300 or ECON B200 at Bryn Mawr; ECON 302 or ECON B202 at Bryn Mawr; ECON 304 (can be taken concurrently); MATH 118 (or equivalent of 2 semesters of college calculus) Attributes: Social Science</p>										
		1735	001	1.0	Giridhar Parameswaran					0
		1736	002	1.0	David M. Owens					0
		1737	003	1.0	Alberto Arredondo-Chavez					0
		1738	004	1.0	Wei Qian					0
		1739	005	1.0	Saleha Jilani					0
		1740	006	1.0	Carola Binder					0
		1741	007	1.0	Shannon B. Mudd					0
		1742	008	1.0	Timothy Lambie-Hanson					0
ECON	H396B	Research Seminar								
<p>Must be a senior Economics major. Prerequisite(s): ECON 304; an ECON 37X Jr. Research Seminar; ECON 396A. Attributes: B: Analysis of the Social World Social Science</p>										
		1437	001	1.0	Richard J. Ball					0
ECON	H480A	Independent Study								
		1224	001	1.0						0
		1777	002	1.0						0
ECON	H480F	Independent Study								
		1792	001	.5						0
		1805	002	.5						0

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld	
ECON	H480I	Independent Study									
		1234	001	.5						0	
EDUC	H200A	Community Learning Collaborative: Practicing Partnership									
		Designed to be the first course for students interested in pursuing one of the options offered through the Education Program, this course is also open to students exploring an interest in educational practice, theory, research, and policy. The course examines major issues and questions in education in the United States by investigating the purposes of education and the politics of schooling. Through fieldwork in an area school, students practice ethnographic methods of observation and interpretation. Lottery Preference(s): Not open to first semester first year students Attributes: B: Analysis of the Social World Child and Family Studies Social Science									
		1148	001	1.0	Chanelle Wilson	M	7:30PM	9:55PM		0	
EDUC	H210A	Perspectives on Special Education									
		This course is designed as a survey course. Its goal is to introduce students to a range of topics, challenges, dilemmas, and strategies in understanding and educating all learners - those considered typical learners as well as those considered "special" learners. The field of "Special Education" is vast; therefore, as the course progresses, students are encouraged to narrow their research and area of interest on a student or group of students who share similar challenges as learners. By the end of the course, students will understand more about: how students' learning profiles affect their learning in school from a functional perspective; how and why students' educational experience is affected by special education law; major issues in the field of special education; and atypical learners, students with disabilities, and how to meet diverse student needs in a classroom. Two-three hours of fieldwork per week required. Enrollment limited to 25 with priority given to students enrolled in the Education Program. Priority given to those in the Teacher Cert Pgm or minoring/concncratng in Educ. Attributes: Child and Family Studies Praxis Program Social Science									
		2428	001	1.0	TBA Department staff	M	7:30PM	9:20PM		0	
EDUC	H270A	Measuring Education									
		This course explores contemporary political movements to measure learning outcomes in educational institutions. It covers such topics as NCLB legislation, standardized testing for college admissions, assessment of college education, and development of online learning tools. Crosslisted: Sociology, Education Enrollment Limit: 25 Lottery Preferences: Haverford Sociology majors, Haverford Sociology minors, Education Studies majors, Education Studies minors. Attributes: B: Analysis of the Social World Social Science									
		1517	001	1.0	Matthew McKeever	M	1:30PM	3:55PM		0	
EDUC	H275A	Emergent Multilingual Learners in U.S. Schools									
		This course focuses on educational policies and practices related to language minority students in the U. S. We examine English learners' diverse experiences, educators' approaches to working with linguistically diverse students, programs that address their strengths and needs, links between schools and communities, and issues of policy and advocacy. Fieldwork required. Prerequisite(s): EDUC 200 or instructor consent Lottery Preference(s): 1. EDUC majors and Certification students; 2. EDUC minors; 3. then by seniority Attributes: B: Analysis of the Social World Child and Family Studies Peace, Justice and Human Rights Social Science									
		1149	001	1.0	Kelly Zuckerman	M W	10:00AM	11:25AM		0	
EDUC	H308A	Inquiries into Black Study, Language Justice, and Education									
		Growing out of the Lagim Tehi Tuma/"Thinking Together" program (LTT), the course will explore the implications for education in realizing the significance of global Black liberation and Black Study/ies—particularly in relation to questions of the suppression and sustenance of language diversity and with a focus, as well, on Pan-Africanism—by engaging with one particular community as a touchstone for learning from and forwarding culturally sustaining knowledge. Prerequisites: Two									

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
<p>courses, at least one in Education, with the second in Africana Studies, Linguistics, Sociology, or Anthropology; or permission of the instructor.</p> <p><i>Attributes: Africana Studies B: Analysis of the Social World Education Praxis Program Social Science Africana Studies</i></p>										
	1583	001	1.0	Maurice Rippel		F	11:00AM	1:25PM		0
	1583	001	1.0	Maurice Rippel	Lab	W	9:00AM	9:55AM		0
EDUC	H360A	Learning-Teaching a Foreign Language								
<p>This course is designed for the advanced student of Spanish, who is interested in the processes involved in learning a foreign language, and/or contemplating teaching it. This course is conducted in Spanish.</p> <p>Crosslisted: Spanish, Education</p> <p>Prerequisite(s): One 200-level course, or instructor consent</p> <p><i>Attributes: A: Meaning, Interpretation (Texts) Humanities Latin American, Iberian, and Latinx Studies</i></p>										
	2263	001	1.0	Ana López-Sánchez		T Th	11:30AM	12:55PM		0
ENGL	H115A	Black Memoir and Mythography: an Introduction								
<p>This course is an introductory level course to the genres of autobiography and memoir through the lens of black lived experiences. The course will familiarize students with myriad shapes of life writing as well as the aesthetic and political concerns associated with representing the black self. This course will continuously question and explore concepts of truth, arriving at a more informed understanding of the alchemy of memory, time and narrative conventions.</p> <p>Pre-requisite(s): First year writing seminar</p> <p>Enrollment Limit: 25</p> <p>Lottery Preference: Sophomores, English majors, First year students, Africana concentrators</p> <p><i>Attributes: A: Meaning, Interpretation (Texts) Africana Studies Humanities</i></p>										
	1522	001	1.0	Asali Solomon		T Th	11:30AM	12:55PM		0
ENGL	H200A	Literature, Popular Culture, and the American Left								
<p>A study of how writers, cultural critics, filmmakers, and musicians of the 20th-century US left envisioned the relationship between art and politics in a mass-mediated culture, including attention to work by major theoreticians of the "popular."</p> <p>Prerequisite(s): Freshman Writing</p> <p>Enrollment Limit: 50</p> <p>Lottery Preference(s): Sophomores</p> <p><i>Attributes: Humanities Visual Studies</i></p>										
	2631	001	1.0	Maud B McInerney		T Th	10:00AM	11:25AM		0
ENGL	H225A	Shakespeare: The Tragic and Beyond								
<p>An "introductory emphasis" study of the major tragedies and related histories, comedies, and romances, with special reference to the evolution of dramatic form, poetic style, characterization, and ideology as they are shaped by Shakespeare's persistent experimentation with dramas of extravagant will, desire, tyranny, skepticism, and death. Particular attention will be paid to key scenes in an effort to assess both Shakespeare's response to contemporary literary and cultural concerns and the internal reformation of his own craft.</p> <p>Prerequisite(s): First Year Writing</p> <p>Enrollment Limit: 25</p> <p>Lottery Preference(s): Majors and sophomores (First year students are not eligible)</p> <p><i>Attributes: A: Meaning, Interpretation (Texts) Humanities Visual Studies</i></p>										
	2629	001	1.0	Kimberly Benston		M W	1:00PM	2:25PM		0
ENGL	H234A	A Queer and Trans Middle Ages								
<p>What stories about queer and trans people circulated in the medieval period, and what does this body of literature tell us about the social construction of sexuality, gender, and embodiment? In this course, we will read medieval literature featuring lesbian, gay, transgender, and asexual characters alongside documents of historical queer and trans people and contemporary queer theory and trans studies scholarship. All texts will be read in modern English translation.</p> <p>Crosslisted: GSST.</p> <p>Enrollment Limit: 25.00</p> <p><i>Attributes: A: Meaning, Interpretation (Texts) Gender and Sexuality Studies Humanities</i></p>										

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
		2693	001	1.0	Danielle Allor	M W	2:30PM	3:55PM		0
ENGL	H249A	Introduction to Asian American Literature								
		This course will explore the diversity of Asian American experience by studying a selection of foundational and emerging works by Asian American writers. Assigned readings of various literary genres will address themes such as immigration, generational conflict, racism, assimilation, difference, and political struggle. Key lines of inquiry include: What does Asian American identity, culture, and aesthetic look like? How do writers represent them? What does the racial and literary category "Asian American" constitute?								
		Crosslisted: ENGL. Pre-requisite(s): None								
		<i>Attributes: A: Meaning, Interpretation (Texts) Asian American Studies B: Analysis of the Social World Humanities</i>								
		1383	001	1.0	Elizabeth Kim	T Th	1:00PM	2:25PM		0
ENGL	H269A	The Queer Novel Before Stonewall								
		An examination of non-normative sexualities and gender identifications as the guiding thematic and formal force in a series of U. S. novels.								
		<i>Attributes: A: Meaning, Interpretation (Texts) Gender and Sexuality Studies Humanities</i>								
		2632	001	1.0	Gustavus T. Stadler	M W	11:30AM	12:55PM		0
ENGL	H291A	Creative Writing: Poetry I								
		This is a creative writing workshop on poetry. Student work is the focus along with the analysis of a wide variety of poems and poets. Weekly writing prompts will encourage students to widen their scope and develop their craft. Each week students will write poems that respond to other poems and some of the principal genres of poetry. Students will be asked to respond to the works of classmates. A final portfolio of revised poems (10 to 12 pages) is required.								
		Enrollment Limit: 15								
		<i>Attributes: A: Creative Expression Creative Writing Humanities</i>								
		1289	001	1.0	Elizabeth Kim	F	11:00AM	1:25PM		0
ENGL	H293A	Creative Writing: Fiction I								
		This course is an introduction to the techniques and strategies of fiction writing, with particular emphasis on the short story. Weekly reading assignments will include both anthologized stories and student-generated ones.								
		Enrollment Limit: 15								
		<i>Attributes: A: Creative Expression Humanities</i>								
		1294	001	1.0	Asali Solomon	W	1:30PM	3:55PM		0
ENGL	H298A	Junior Seminar I								
		Junior seminar comprises of a two part sequence that, through class readings, discussion, and writing tutorials, engage students in a study of (1) a series of texts representing the range and diversity of the historical tradition in British and American literature, and (2) critical theory and practice as it has been influenced by hermeneutics, feminism, psychology, semiology, sociology, and the study of cultural representation, and as it reflects the methods of literary criticism.								
		Prerequisite(s): Only open to English majors								
		Enrollment Limit: 15								
		<i>Attributes: Humanities</i>								
		1295	001	1.0	Kimberly Benston	T Th	10:00AM	11:25AM		0
ENGL	H298J	Junior Seminar I								
		Junior seminar comprises of a two part sequence that, through class readings, discussion, and writing tutorials, engage students in a study of (1) a series of texts representing the range and diversity of the historical tradition in British and American literature, and (2) critical theory and practice as it has been influenced by hermeneutics, feminism, psychology, semiology, sociology, and the study of cultural representation, and as it reflects the methods of literary criticism.								
		<i>Attributes: Humanities</i>								
		1290	001	.5	Kimberly Benston					0
ENGL	H299A	Junior Seminar II								
		Part II of the sequence focuses on narrative and its theorization and criticism. Readings include George Eliot's Middlemarch, stories by Henry James and Edgar Allen Poe, and James Joyce's Ulysses.								
		<i>Attributes: Humanities</i>								

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
		2630	001	1.0	Lindsay V. Reckson	T Th	10:00AM	11:25AM		0
ENGL	H301A	Topics in Middle English: Racing Romance								
		Considers the construction of genders and sexualities in the medieval period. Crosslisted: English, Comparative Literature Enrollment Limit: 15 Attributes: A: <i>Meaning, Interpretation (Texts)</i> Gender and Sexuality Studies Humanities								
		2702	001	1.0	Maud B McInerney	T	1:30PM	3:55PM		0
ENGL	H365A	Topics in American Literature: Rock, Soul, and Cultural Criticism								
		This seminar will examine the emergence of music writing in the 60s and 70s in the context of contemporaneous struggles in the politics of race, gender, sexuality, and class. Students will also develop their own writing on the politics of pop as a cultural form. Prerequisite(s): Two 200-level English courses or the equivalent Enrollment Limit: 15 Lottery Preference(s): English Majors Attributes: A: <i>Meaning, Interpretation (Texts)</i> B: <i>Analysis of the Social World</i> Humanities								
		2633	001	1.0	Gustavus T. Stadler	Th	1:30PM	3:55PM		0
ENGL	H376A	Literature and Politics of South African Apartheid								
		This course explores the history and historiography of South African apartheid from its inception in 1948 to its democratic overthrow in 1994. We will consider the interplay between complex definitions of race, gender, nation and difference in novels, plays, and poetry written during the apartheid years. We will also discuss the tension between an ethics and aesthetics of literary production in a time of political oppression. What would it mean for one to write an apolitical text in a cultural space rife with racial and social tensions? Authors will include Nadine Gordimer, Alan Paton, J.M.Coetzee, Bessie Head, and Alex La Guma. Crosslisted with Africana Studies. Enrollment Limit: 15 Lottery Preferences: 1. English majors, 2. Africana Studies concentrators, then all others by class year. Attributes: A: <i>Meaning, Interpretation (Texts)</i> Africana Studies Humanities								
		1614	001	1.0	Laura McGrane	W	1:30PM	3:55PM		0
ENGL	H377A	Problems in Postcolonial Literature: Violence, Terror, and Identity								
		An examination of the rhetorical and narrative strategies adopted by postcolonial texts as they negotiate the aesthetic challenges and political complexities of representing violence and terror. Working with fiction, nonfiction, and film, the course will measure the different effects of realism, magical realism, surrealism, and the grotesque as modes of representing the dialectic of violation and violence. Crosslisted: English, Comparative Literature Prerequisite(s): Two 200-level English courses or instructor consent Enrollment Limit: 15 Attributes: A: <i>Meaning, Interpretation (Texts)</i> Africana Studies B: <i>Analysis of the Social World</i> Gender and Sexuality Studies Humanities								
		2634	001	1.0	Alexander Millen	M W	10:00AM	11:25AM		0
ENGL	H399F	Senior Conference								
		Senior Thesis work with advisor. Prerequisite(s): Limited to senior English majors Attributes: Humanities								
		1298	001	.5	Lindsay V. Reckson					0
		1299	00A	.0	Asali Solomon					0
		1300	00B	.0	Gustavus T. Stadler					0
		1301	00C	.0	Elizabeth Kim					0
		1302	00D	.0	Maud B McInerney					0
		1526	00E	.5	Kimberly Benston					0
		1527	00F	.5	Laura McGrane					0

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
ENVS	H101A				Case Studies in Environmental Issues: Concepts, Contexts, & Conundrums The course offers a cross-disciplinary introduction to environmental studies. Tracing an arc from historical analysis to practical engagement, distinctive approaches to key categories of environmental inquiry are presented: political ecology, earth science, energy, economics, public health, ecological design, sustainability, policy, and environmental ethics. Basic concepts, such as thermodynamics, biodiversity, cost-benefit analysis, scale, modernization, enclosure, the commons, and situational ethics, are variously defined and employed within specific explorations of environmental challenges in the modern world. Prerequisite(s): Not open to students who have taken ENVS 101 at Bryn Mawr or Swarthmore Enrollment Limit: 40 Lottery Preference(s): Junior minors in ENVS; Sophomores; 5 spaces for Frosh Attributes: A: Meaning, Interpretation (Texts) B: Analysis of the Social World C: Physical and Natural Processes Environmental Studies					
	2664	001	1.0	Talia Young		T Th	10:00AM	11:25AM		0
ENVS	H281A				Introduction to Environmental Anthropology An introduction to the ideas and methods central to environmental anthropology. Topics covered will include political ecology, crises and uncertainty, indigeneity and community management. Enrollment Limit: 25 Attributes: B: Analysis of the Social World Environmental Studies Social Science					
	1869	001	1.0	Joshua Moses		T Th	11:30AM	12:55PM		0
ENVS	H307A				Introduction to Fisheries Science Fisheries science is the study of fish in the context of harvest. This course will provide an introduction to some of the concepts and quantitative methods and skills involved in fisheries science. Prerequisite(s): ENVS 101; and at least one of ENVS 201-204, or permission of the instructor. Familiarity and comfort with general biology and algebra. Enrollment Limit: 15 Lottery Preference(s): ENVS majors, then sophomores, then ENVS minors. Attributes: C: Physical and Natural Processes Natural Science					
	1641	001	1.0	Talia Young		T Th	11:30AM	12:55PM		0
ENVS	H328A				Botany This course is a multidisciplinary approach to the biology of plants through their development, physiology, anatomy, and growth and their consequent effects on human society. Course topics include plant biology, anatomy, diversity, morphology, physiology, and ecology, followed by case studies of plants, from cacao to apples. Pre-requisite(s): ENVS 101 and ENVS 201 or ENVS 101 and 200-level ENVS, GEO, BIO or ENVS 101 and permission of instructor. Lottery Preference: Senior ENVS majors, junior ENVS majors, senior ENVS minors, junior ENVS minors, then seniors, followed by juniors, followed by all other students. If this course is tied to a 360 or study tour, that section will be closed to further enrollment. Enrollment Limit: 15 Attributes: C: Physical and Natural Processes Environmental Studies Natural Science					
	1436	001	1.0	Jonathan Wilson		M W	10:00AM	11:25AM		0
ENVS	H397A				Senior Seminar in Environmental Studies This capstone Environmental Studies course is designed to allow Environmental Studies seniors to actively engage in environmental problem solving by bringing the perspectives and skills gained from their majors and applying them to collaborative, interdisciplinary projects. Enrollment Preference(s): Limited to seniors Attributes: A: Meaning, Interpretation (Texts) B: Analysis of the Social World C: Physical and Natural Processes Environmental Studies					
	2665	001	1.0	Jonathan Wilson		W	1:30PM	3:55PM		0
ENVS	H408A				Senior Research Tutorial in Plant Biology and Evolution Plants are an important interface between biology and the environment, and the study of plants' evolutionary history illuminates this interaction. This course will focus on the physiology and evolution of living and extinct plants.					

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld	
					<p>Techniques employed include anatomical studies of living and fossil plant tissues; imaging and quantitative investigation of plant structure; and the collection and analysis of fossil plant material. Exploration of the primary literature and various opportunities to hone scientific communication skills will supplement lab work. Prerequisite(s): Instructor consent Enrollment Limit: 7 Attributes: Natural Science</p>						
		2666	001	1.0	Jonathan Wilson					0	
ENVS	H456D	Advanced Topics in Biology of Marine Life									
		<p>Exploration of marine metazoan evolution through the lens of behavioral, morphological, biochemical, and physiological adaptations to various ocean regimes. Readings from primary literature will cover physio-chemical properties of seawater, abiotic/biotic organismal interactions, symbiosis, energy production, human impacts, and phylogenetic relationships. Crosslisted: Biology, Environmental Studies Prerequisite(s): BIOL H300 and BIOL H301 with a grade of 2.0 or above, or instructor consent Enrollment Limit: 15 Lottery Preference: (1) Senior Biology majors (2) Seniors (3) Junior Biology majors. Attributes: Environmental Studies Natural Science</p>									
		2523	001	.5	Kristen Whalen	T Th	2:30PM	3:55PM		0	
ENVS	H480A	Independent Study									
		<p>Attributes: Environmental Studies</p>									
		1804	001	1.0	Talia Young					0	
ENVS	H480F	Independent Study									
		<p>Attributes: Environmental Studies</p>									
		1454	001	.5	Talia Young					0	
FREN	H001A	Elementary French									
		<p>This is the first course in a two-part series of elementary French. The course will introduce students to the cultural and ethnic diversity of France and the francophone world and will help students develop French communicative skills in a comprehensive manner, including interpretive listening, interpretive reading, presentational speaking, presentational writing, and interpersonal communication. The course meets for five (5) hours a week: three (3) hours with the instructor, one (1) hour with a TA, and one (1) hour with a conversation partner. Students who take FREN 001 at HC have priority of enrollment in the second semester FREN 002. Reserved for students with no previous to very little experience in the French language. Enrollment Limit: 18 Attributes: A: Meaning, Interpretation (Texts) Humanities</p>									
		1047	001	1.0	TBA Department staff	M W F	8:30AM	9:25AM		0	
		1745	002	1.0	Kathryne Adair Corbin	M W F	9:30AM	10:25AM		0	
FREN	H003A	Intermediate French Non Intensive									
		<p>The emphasis on speaking and understanding French is continued, texts from French literature and cultural media are read, and short papers are written in French. Students use the Language Learning Center regularly and attend supplementary oral practice sessions. The course meets in non-intensive (three hours each week) sections which are supplemented by an extra hour per week with an assistant. This is a year-long course; both semesters (003 and 004) are required for credit. Prerequisite(s): FREN 001 and 002, or French placement exam. Attributes: A: Meaning, Interpretation (Texts) Humanities</p>									
		1048	001	1.0	Koffi Anyinefa	M W F	10:30AM	11:25AM		0	
		1049	002	1.0	Christophe Corbin	M W F	11:30AM	12:25PM		0	
FREN	H101A	Perspectives sur la France contemporaine									
		<p>This course introduces French culture and cultural analysis through a series of flashpoints in France's history. What distinguishes France as a nation? How did it emerge before the Revolution of 1789 and how has it evolved since? What questions have shaped and reshaped French and Francophone identities? Today, France has a diverse population, due to its colonial pasts and its place at the crossroads of several ideological and aesthetic traditions. How does French society accommodate antithetical perspectives? As we explore these issues, we will learn to examine them analytically. Because the</p>									

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crđ	Instructor(s)	Days	Start	End	Room	Enrld
<p>tools of analysis are often themselves "made in France," French culture will provide not only objects of study but also their means of interrogation. All the while, students will strengthen their skills in French language and expression through grammatical exercises, discussions, presentations, and essays.</p> <p>Prerequisite(s): FREN 004, or French placement exam</p> <p>Attributes: A: <i>Meaning, Interpretation (Texts)</i> Humanities</p>										
	1050	001	1.0	Koffi Anyinefa		T Th	11:30AM	12:55PM		0
	1051	002	1.0	Christophe Corbin		M W	2:30PM	3:55PM		0
FREN	H254A	When to Obey is to Betray: The French Resistance in Cinema and Literature								
<p>This interdisciplinary course explores the French Resistance during World War II through the lens of cinema and literature. Delving into the complex intersections of history, fiction, and memory, students will uncover the dynamic relationships between popular culture and collective remembrance. Students will examine how fiction intersects with historical "truth", challenging conventional narratives and revealing the intricate myth-making strategies at play. Highlighting both iconic and lesser-known works, this course sheds light on the often-overlooked contributions of women to the Resistance movement, exploring their invisibility in traditional accounts and their resurfacing in contemporary depictions. Students will critically engage with the complexities of historical representation, grappling with questions of "truth", memory, and the enduring legacy of resistance. This course is designed for students with interests in cinema, history, literature, and cultural studies.</p> <p>Crosslisted: COML.</p> <p>Pre-requisite(s): First-year writing course</p> <p>Attributes: A: <i>Meaning, Interpretation (Texts)</i> Humanities</p>										
	1630	001	1.0	Christophe Corbin		T Th	1:00PM	2:25PM		0
FREN	H298A	Junior Seminar: Carmen de Mérimée et ses adaptations								
<p>Since its publication in 1845, Prosper Mérimée's short story Carmen has been adapted in a variety of media: opera, film, theatre, dance, comic strips. Carmen has indeed become a myth with almost universal resonance, taken up by European, American and African artists alike. What is it about Mérimée's eponymous character that attracts artists so much? Her femme fatale looks? The "Gypsy" that she is? The character so naturally prone to transgression? We will first study Mérimée's short story and then move on to its adaptations: Which characterizations of Carmen have been retained, altered or simply rejected and why? What rewritings of the myth of Carmen do these adaptations propose (Bizet, Brook, Dornford-May, Gai Ramaka, Godard, Preminger, Townsend, Rosi, Saura; Vidor)? In French</p> <p>Pre-requisite(s): One 200-level course in French. Open to non-majors a well</p> <p>Attributes: A: <i>Meaning, Interpretation (Texts)</i></p>										
	2525	001	1.0	TBA Department staff						0
FREN	H312A	Adv Topics French Literature								
<p>During the 19th century, and more specifically the Second Empire (1852-1870), Emperor Napoleon III and Baron Eugene Haussmann embarked on the demolition and reconstruction of Paris, a project that would establish the capital as the modern city so widely celebrated today. In this course, we will explore the ways writers and artists during this time experienced the city and discovered new ways of seeing their world as a result of these (sometimes polarizing) transformations. Through works by Baudelaire, Balzac, Sue, and Zola, as well as artists such as Caillebotte, Cassatt, Manet, Monet, and Renoir, we will appreciate what writers and artists discovered as they became « painters of modern life », looking closely, for the first time, at everyday objects as veritable objects of art. Alongside the readings of these classics, students will keep a personal journal where they will consider new ways of seeing their world, reflecting on mundane encounters, and transforming simple objects and panoramas into their own « chefs d'œuvre ».</p> <p>Crosslisted: FREN and COML</p> <p>Attributes: A: <i>Meaning, Interpretation (Texts)</i> Africana Studies Humanities</p>										
	1052	001	1.0	Kathryne Adair Corbin		W	1:30PM	3:55PM		0
GERM	H001A	Elementary German								
<p>Meets five hours a week with the individual class instructor, one hour with student drill instructors. Strong emphasis on communicative competence both in spoken and written German in a larger cultural context. This is a year-long course; both semesters (001 and 002) are required for credit.</p> <p>Enrollment Limit: 18</p>										

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crđ	Instructor(s)	Days	Start	End	Room	Enrld
<i>Attributes: A: Meaning, Interpretation (Texts) Humanities</i> 1274 001 1.0 Michael Burri M T W 9:30AM 10:30AM 0 Th F										
GERM	H101A	Intermediate German		Meets three hours a week with the individual class instructor, one hour with student drill instructor. Thorough review of grammar, exercises in composition and conversation. Enforcement of correct grammatical patterns and idiomatic use of language. Study of selected literary and cultural texts and films from German-speaking countries. Two semesters. Enrollment Limit: 18 1275 001 1.0 0						
GERM	H201A	Advanced Training: Language, Text, and Context		This course is intended for students who wish to refine their speaking, writing, and reading skills beyond the Intermediate level. Designed as a comprehensive introduction to modern German culture, we will discuss a variety of literary, political, historical and philosophical texts, including feature films and video materials. Weekly grammar reviews will complement these activities. Enrollment Limit: 18 <i>Attributes: A: Meaning, Interpretation (Texts) B: Analysis of the Social World Humanities</i> 1512 001 1.0 Imke Brust M W 10:00AM 11:25AM 0						
GERM	H223A	Visualizing Nations: Africa and Europe		This course will explore ideas of nation-building in regard to the transnational relations between Europe and Africa. We will discuss African and European experiences of nation-creation to distinguish between exclusionary and inclusionary visions of nation states, and focus in particular on literary texts from Great Britain, Germany, and France in comparison with literary texts from Nigeria, South Africa, and Algeria. Enrollment Limit: 20 <i>Attributes: Humanities Visual Studies</i> 2700 001 1.0 Imke Brust M 1:30PM 3:55PM 0						
GERM	H305A	Modern German Drama - A Moral Compass?		In 1784 Friedrich Schiller started a discussion about theater as a moral institution. With this in mind, this course will provide an overview of the historical development of drama within the German-speaking world and also explore foreign influences on German drama. We will read and watch a variety of different plays from Lessing to Jelinek, and engage with different theatrical genres: classical, epic, documentary, absurd, and feminist theater. In addition, we will discuss the function of the institutionalization of theater within the German national imaginary, with a particular focus on gender and race. This course is taught in German. Enrollment Limit: 20 <i>Attributes: Humanities</i> 2699 001 1.0 Imke Brust M W 11:30AM 12:55PM 0						
GREK	H002A	Elementary Greek		Completion of the basics of ancient Greek, followed by readings in Lysias and Plato. This is the second semester of a year-long course. <i>Attributes: A: Meaning, Interpretation (Texts) Classics Humanities</i> 1060 001 1.0 Matthew Cullen Farmer M W F 11:30AM 12:25PM 0						
GREK	H480F	Independent Study		1806 001 .5 0						
GSST	H190A	Introduction to Feminist and Gender Studies		This course introduces students to major debates and issues within the interdisciplinary field of Feminist and Gender Studies. We will explore what feminist scholars have illuminated about the construction of gender and sexuality in multiple historic, present-day, and global contexts. Students will examine feminist debates about how race, class, and religion shape gender and sexuality in unequal ways. And, students will develop the skills to analyze how gender and sexuality have been regulated, reinforced, and transgressed in diverse settings. Enrollment Limit: 25						

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
Lottery Preference(s): Gen/Sex concentrators, then first years and sophomores. Attributes: A: Meaning, Interpretation (Texts) B: Analysis of the Social World Gender and Sexuality Studies Humanities 1632 001 1.0 Regina K Velasco T 1:30PM 3:55PM 0										
GSST	H234A	A Queer and Trans Middle Ages								
What stories about queer and trans people circulated in the medieval period, and what does this body of literature tell us about the social construction of sexuality, gender, and embodiment? In this course, we will read medieval literature featuring lesbian, gay, transgender, and asexual characters alongside documents of historical queer and trans people and contemporary queer theory and trans studies scholarship. All texts will be read in modern English translation. Crosslisted: GSST. Enrollment Limit: 25.00 Attributes: A: Meaning, Interpretation (Texts) Gender and Sexuality Studies Humanities 2694 001 1.0 Danielle Allor M W 2:30PM 3:55PM 0										
GSST	H290A	Interdisciplinary Perspectives on Gender								
Explore the intersection of gender, sexuality, race, class, religion, and embodiment in our time. Our focus is principally on the USA, though we make some forays into international conversations. Readings are drawn from a smattering of the most recent developments in academic research and theory, as well as from science fiction, activism, popular culture, and new media. We work to bring the personal into the classroom, and to take what we learn out into the world. Enrollment Limit: 10 Lottery Preference(s): 1. Gen/Sex Concentrators 2. Juniors and Seniors Attributes: A: Meaning, Interpretation (Texts) Gender and Sexuality Studies Humanities 1633 001 1.0 Regina K Velasco M 1:30PM 3:55PM 0										
HIST	H114A	Origins of the Global South								
This course analyzes the complex histories, shifting geographies, and unequal relationships of power denoted by the term "Global South," a designation that maps unevenly onto the formerly colonized regions of Latin America, Africa and Asia. As we shall see, the term is also at times used to describe marginalized populations and places within the "Global North," a convenient though not entirely accurate label for today's relatively rich and developed world regions. A basic concern of the course will be to assess how colonialism and its legacies have influenced world history, including the production of knowledge. Our collective goal will be to develop new ways of thinking about our pasts, presents and futures. Attributes: A: Meaning, Interpretation (Texts) Africana Studies B: Analysis of the Social World Latin American, Iberian, and Latinx Studies Social Science 2453 001 1.0 James Krippner T Th 2:30PM 3:55PM 0										
HIST	H118A	Introduction to the History of Science								
Although science is an essential characteristic of the modern world, it took nearly 4000 years to attain that status. This course surveys various sciences in the past focusing on both how and why humans have interrogated the natural world, how they have categorized the resulting knowledge, and what uses they have made of it. Topics can include science and medicine in antiquity, Islamic sciences, Byzantine and medieval sciences, early-modern science and the Scientific Revolution. Enrollment Limit: 25 Attributes: A: Meaning, Interpretation (Texts) B: Analysis of the Social World Social Science 2457 001 1.0 Darin Hayton M W 10:00AM 11:25AM 0										
HIST	H226A	Twentieth Century Europe: Modernism 1913-1937								
The emergence of the culture of Modernism; revolutionary dreams and Stalinist nightmares in Russia; Fascism; the trauma of war 1914-1945; the divisions of Cold War Europe; and the challenge of a new European attempt at re-integration in the 1990s. Attributes: A: Meaning, Interpretation (Texts) B: Analysis of the Social World Social Science 2458 001 1.0 Linda Gerstein T Th 1:00PM 2:25PM 0										
HIST	H279A	U.S. History, 1973-Present								
Scholars across fields date a crucial set of historical and cultural changes in American and global history to the year 1973. This course offers a survey of these transformations, from 1973 to the present time. Prerequisite(s): At least one 100-level course in the Humanities or Social Sciences Enrollment Limit: 25 Lottery Preference(s): History majors										

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
<i>Attributes: Social Science</i>										
	2459	001	1.0	Andrew Friedman		M W	11:30AM	12:55PM		0
HIST	H299A	Historical Methods Lab: Archive Theory and Practice								
In recent decades, the historical concept of "the archive" has served as a cornerstone for inquiry across disciplines in the humanities and social sciences. At a moment of dramatic transformation in archival practice through digital technologies, one that is fundamentally altering the nature of archives and our relationship to them, this course introduces students to the interdisciplinary theory and practice of the archive as method, material culture, power, and idea of the world.										
Prerequisite(s): Sophomore standing or above										
Enrollment Limit: 25										
<i>Attributes: A: Meaning, Interpretation (Texts) B: Analysis of the Social World Museum Studies Social Science</i>										
	1543	001	1.0	Marlen Rosas		T Th	10:00AM	11:25AM		0
HIST	H309A	Knowledge, Power, and the Production of History in Latin America								
This course examines the revolutionary politics, emancipatory pedagogies, and struggles for liberation espoused by grassroots intellectuals, students, and working-class, peasant and indigenous activists in modern Latin America. We will consider questions of intellectual and political agency, as well as the political power of literacy, education, memories, and archives in the face of imperial threats throughout history.										
Enrollment Limit: 12										
<i>Attributes: A: Meaning, Interpretation (Texts) B: Analysis of the Social World Latin American, Iberian, and Latinx Studies Social Science</i>										
	2460	001	1.0	Marlen Rosas		Th	1:30PM	3:55PM		0
HIST	H341A	Topics Comparative History								
Seminar meetings, reports and papers. May be repeated for credit with change of topic.										
<i>Attributes: A: Meaning, Interpretation (Texts) B: Analysis of the Social World Middle Eastern & Islamic Studies Social Science</i>										
	2493	001	1.0	Bethel A. Saler		Th	1:30PM	3:55PM		0
HIST	H356A	Topics European History								
<i>Attributes: A: Meaning, Interpretation (Texts) B: Analysis of the Social World Social Science</i>										
	1644	001	1.0	Linda Gerstein		M	1:30PM	3:55PM		0
HIST	H400A	Senior Thesis Seminar								
History 400a thesis seminar is the senior research lab for thesis work. Students enrolled in the one-semester option will submit their thesis on the last day of class, and work with their assigned faculty advisor throughout the semester. Students will continue on to History 400b in the spring where they will work with their assigned faculty advisor to complete the writing and revision of the thesis.										
<i>Attributes: Social Science</i>										
	1150	001	1.0	Darin Hayton		W	1:30PM	3:55PM		0
	1151	002	1.0	James Krippner		W	1:30PM	3:55PM		0
	1413	003	1.0	Bethel A. Saler		W	1:30PM	3:55PM		0
HLTH	H115A	Introduction to Health Studies								
The multidisciplinary foundation for the health studies minor. Students will be introduced to theories and methods from the life sciences, social sciences, and humanities and will learn to apply them to problems of health and illness. Topics include epidemiological, public health, and biomedical perspectives on health and disease; social, behavioral, and environmental determinants of health; globalization of health issues; cultural representations of illness; health inequalities, social justice, and the ethics of health as a human right.										
Enrollment Limit: 25										
Lottery Preference(s): 15 spaces to first-year students, 10 spaces to others										
1. Health Studies minors										
2. Sophomores										
3. Juniors										
4. Seniors										
<i>Attributes: B: Analysis of the Social World Health Studies Social Science</i>										

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
		1417	001	1.0	Lauren Minsky	T Th	11:30AM	12:55PM		0
HLTH	H215A	Sacrifice Zones: Empires, Epidemics, and Climate Changes								
<p>Global health environments have been shaped by human activities of imperialism and globalization since antiquity. Explore the relationships between intensive agriculture and the cultivation of disease; trade and disease spread; industrial capitalism, metabolic disorders and cancers; and differential racial, gendered and class entitlements and life expectancy. Participate in debates over how to address humanity's current existential crisis, and learn about alternative approaches to "healing" global health environments that can be recycled from our global past.</p> <p>Pre-requisite(s): Intro to Health Studies (HLTH H115/HLTH B115) or permission of instructor.</p> <p>Lottery Preference: (1) Declared Health Studies minors, (2) Environmental Studies and/or History majors/minors</p> <p>Enrollment Limit: 25.00</p> <p>Attributes: B: Analysis of the Social World Environmental Studies Health Studies Social Science</p>										
		1688	001	1.0	Lauren Minsky	M W	11:30AM	12:55PM		0
HLTH	H265A	Medical Anthropology								
<p>What does it mean to attempt a critical anthropology of the body, illness experience, disease etiology, healing practices, and the epistemology of contemporary biomedicine across a diverse group of cultures and traditions? This course seeks to begin to answer this and other questions by examining the historical development of the field of medical anthropology, exploring the theoretical and philosophical underpinnings of the debates that have shaped the field, and examining the methodological concerns and ethnographic investigations that have broadened the scope of its inquiry. Readings range from classical ethnographic writings, philosophical treatises, anthropological theory, indigenous philosophers, and first person accounts of illness and health.</p> <p>Enrollment Limit: 25</p> <p>Lottery Preference(s): 1.) Health Studies minors 2.) Anthropology majors and minors</p> <p>Attributes: B: Analysis of the Social World Health Studies Humanities</p>										
		1451	001	1.0	Michael D'Arcy	T Th	1:00PM	2:25PM		0
HLTH	H305A	The Logic and Politics of Global Health								
<p>This course engages critically with changing intervention paradigms in global health from the late colonial period to the present. Topics include colonial and missionary medicine; sanitation and segregation; medicalization of reproduction; eradication campaigns; family planning; labor hierarchies; postcolonial technoscience; medical research.</p> <p>Prerequisite(s): HLTH 115 OR at least one course in anthropology or history</p> <p>OR permission of the instructor</p> <p>Enrollment Limit: 15</p> <p>Lottery Preference(s): Health Studies seniors, Health Studies juniors, Anthropology majors or minors, Africana Studies concentrators.</p> <p>Attributes: Africana Studies B: Analysis of the Social World Health Studies Social Science</p>										
		1564	001	1.0	Anna M West					0
HLTH	H318A	Traditional Medicine: Histories and Ethnographies								
<p>What is "traditional medicine" and why is it simultaneously revered, reviled and suppressed? How does traditional medicine relate to "antique" senses and sensibilities of an enchanted cosmos, seasonality and stewardship? How have people translated and transformed traditional medicine for a "modern" world? Does traditional medicine have relevance for the climate crisis and billionaires' efforts to conjure transhumanism? Readings include TCM; Kampo; Talmudic Medicine; Ayurveda; Unani-tibb; Homeopathy; Sufi, Saint and Goddess cults; Yoga; and Nature Cure.</p> <p>Pre-requisite(s): HLTH 115, or any course in History, Anthropology or Religion, or permission of the instructor</p> <p>Lottery Preference: (1) Declared Health Studies seniors; (2) Declared Health Studies juniors; (3) History, Anthropology, Environmental studies, or Religion majors; (4) Everyone else.</p> <p>Enrollment Limit: 15.00</p> <p>Attributes: B: Analysis of the Social World Environmental Studies Health Studies Social Science</p>										
		1689	001	1.0	Lauren Minsky	F	11:00AM	1:25PM		0
HLTH	H338A	The Anthropology of Addiction: Substance, Community, and the Problem of Care								

Haverford College Fall 2024 Course Guide

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<p>This course explores the conceptual, methodological, and ethical complexities of marking "addiction" as an object of anthropological inquiry. Together we will investigate what anthropologists, medical doctors, public health scholars, and people living with addiction can gain from ethnographic research. We will ask: how can ethnography help us to better understand the degree to which the phenomenon of addiction is socially, culturally, and scientifically constructed but also experienced in intimate and often deeply painful ways?</p> <p>Crosslisted: HLTH. Enrollment Limit: 15.00 <i>Attributes: B: Analysis of the Social World Health Studies Social Science</i> 2656 001 1.0 Michael D'Arcy W 1:30PM 3:55PM 0</p>										
HLTH	H398A	Senior Seminar Health Studies								
<p>Required culminating seminar, which integrates the three tracks of the Health Studies minor. Students share and critically assess their own and fellow students' ongoing work to communicate across disciplines and understand the value and interconnectedness of different disciplinary approaches. Students present and defend their semester-long collaborative projects at the end of the course. Prerequisite(s): HLTH 115; students must be in their senior year and be declared Health Studies minors in good standing Enrollment Limit: 10 <i>Attributes: B: Analysis of the Social World Health Studies</i> 1884 001 1.0 Anna M West 0</p>										
ICPR	H114D	Design for All: Human-Centered Design in Practice								
<p>This course introduces the history, process and uses of human centered design. HCD is a methodology that emerges from several disciplines: cognitive psychology, art & design, and user design. It is a creative approach to problem-solving and the method used by many companies and organizations to design products and services that relate directly to the people they serve. Students will both learn the process and create their own projects. Lottery Preference: no preferences Enrollment Limit: 15.00 <i>Attributes: A: Creative Expression Humanities</i> 2075 001 .5 Ronah Harris W 1:30PM 3:55PM 0</p>										
ICPR	H298A	Impact Investing								
<p>Impact investing is investing to generate both a financial return and a positive social benefit. It supports firms seeking to address social, environmental and /or governance problems (ESG) in a sustainable way often within market activity. The focus of this course is to not only gain an understanding of the theory and practice of impact investing across its many components, but also to gain practical experience by assessing a particular set of potential impact investments, making formal presentations of findings to an investment committee leading to a recommendation for investment to a partnering foundation. Crosslisted: Economics, Independent College Programs, PJHR Prerequisite(s): ECON 104 or 105 or 106 Enrollment Limit: 16 <i>Attributes: B: Analysis of the Social World Peace, Justice and Human Rights Social Science B: Analysis of the Social World Peace, Justice and Human Rights Social Science</i> 1545 001 1.0 Shannon B. Mudd M W 1:00PM 2:25PM 0 1545 001 1.0 Shannon B. Mudd F 1:00PM 1:55PM 0</p>										
ICPR	H480A	Independent Study								
1765 001 1.0 0										
ITAL	H001A	Beginning Italian I								
<p>This course provides a solid introduction to the Italian language and culture. It is intended for students with no previous knowledge of Italian and aims at giving them a complete foundation in Italian grammar and pronunciation, with particular attention to listening, speaking, reading, and writing skills. Students refine communicative and cross-cultural comparison abilities by completing tasks such as role-plays, music and video projects, and creative compositions, in pairs and/or small groups, to stimulate dialogue and create a dynamic and vibrant learning environment. Classes are student-centered and</p>										

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crđ	Instructor(s)	Days	Start	End	Room	Enrld
<p>designed to foster students' language skills, keeping in mind their different ways of learning. The course is based on four weekly 55-minute sessions: three sessions with the instructor and one with a TA, to work on written and oral assignments and hone language communicative skills. This course promotes diversity, equity, and inclusion by adopting a free OER textbook. Prerequisites: none. Enrollment Limit: 15 Attributes: A: Meaning, Interpretation (Texts) Humanities A: Meaning, Interpretation (Texts) Humanities</p>										
	1277	001	1.0		TBA Department staff TA Session	Th	8:30AM	9:25AM		0
	1277	001	1.0		Giulio Genovese	M W F	8:30AM	9:25AM		0
	1278	002	1.0		Giulio Genovese	M W F	9:30AM	10:25AM		0
	1278	002	1.0		TBA Department staff TA Session	Th	9:30AM	10:25AM		0
JNSE	H001A	First-Year Japanese (Intensive)								
<p>Class meets six hours per week. Students must register for sections 1, 2 or 3 and A, B or C. An introduction to the four basic skills (reading, writing, speaking, and listening), with special emphasis on the development of conversational fluency in socio-cultural contexts. This is a year-long course; both semesters (001 & 002) are required for credit. Enrollment Limit: 18 Attributes: A: Meaning, Interpretation (Texts) East Asian Languages and Cultures Humanities</p>										
	1280	001	1.5		Tetsuya Sato	M W	8:30AM	9:55AM		0
	1283	002	1.5		Yuka Usami Casey	M W	10:00AM	11:25AM		0
	1286	003	1.5		Yuka Usami Casey	M W	1:00PM	2:25PM		0
	1281	00A	.0		Kei Walsh	T Th	8:30AM	9:55AM		0
	1282	00B	.0		Minako Kobayashi	T Th	10:00AM	11:25AM		0
	1287	00C	.0		Minako Kobayashi	T Th	1:00PM	2:25PM		0
JNSE	H003A	Second-Year Japanese								
<p>Class meets five hours per week. Students must register for sections 1 or 2 and A or B. A continuation of first-year Japanese, with a focus on the further development of oral proficiency, along with reading and writing skills. (Students are not required to take both semesters.) Prerequisite(s): First-year Japanese or equivalent or instructor consent Enrollment Limit: 18 Attributes: A: Meaning, Interpretation (Texts) East Asian Languages and Cultures Humanities</p>										
	1303	001	1.0		Kimiko Suzuki	M W	8:30AM	9:55AM		0
	1304	002	1.0		Kimiko Suzuki	M W	10:00AM	11:25AM		0
	1305	00A	.0		Yuka Usami Casey	T Th	10:30AM	11:25AM		0
	1306	00B	.0		Yuka Usami Casey	T Th	11:30AM	12:25PM		0
JNSE	H101A	Third-Year Japanese								
<p>Class meets three hours per week. A continuation of language study with further development of oral proficiency and reading/writing skills. Emphasis on reading and discussing simple texts. Advanced study of grammar and kanji; more training in opinion essay and report writing. Additional oral practice outside of the classroom expected. Prerequisite(s): JNSE 004 or equivalent or instructor consent Enrollment Limit: 18 Attributes: A: Meaning, Interpretation (Texts) East Asian Languages and Cultures Humanities</p>										
	1284	001	1.0		Tetsuya Sato	M W F	11:30AM	12:25PM		0
JNSE	H201A	Advanced Japanese								
<p>Class meets three hours per week. Continued training in modern Japanese, with particular emphasis on reading texts, mastery of the kanji, and expansion of vocabulary. Explores a variety of genres and text types using authentic materials. Prerequisite(s): JNSE 102 or equivalent or instructor consent Enrollment Limit: 18 Attributes: A: Meaning, Interpretation (Texts) East Asian Languages and Cultures Humanities</p>										
	1285	001	1.0		Kimiko Suzuki	T Th	11:30AM	12:55PM		0
LATN	H001A	Elementary Latin								

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crđ	Instructor(s)	Days	Start	End	Room	Enrld
<p>Introduction to the Latin language. Our main focus will be on learning to read classical Latin texts, studying the vocabulary and grammar necessary to read the great works of ancient Latin poetry and prose, as well as familiarizing ourselves with the mythology, history, and culture of the Romans. We'll also spend some time learning to converse and write in Latin, joining a history of conversation that stretches from the early Latin speakers of southern Europe and northern Africa, to the learned humanists of the Renaissance, and down to the present day. This is the first semester of a year-long course.</p> <p>Enrollment Limit: 18</p> <p>Attributes: A: Meaning, Interpretation (Texts) Humanities</p>										
	1061	001	1.0		Bret Mulligan	M W F	9:30AM	10:25AM		0
	1395	002	1.0		Bret Mulligan	M W F	10:30AM	11:25AM		0
LATN	H102A	Intermediate Latin: Roman Identities								
<p>Our focus in this intermediate language course will be on reading and analyzing selections from two Latin texts, Catullus' Carmina (Poems) and The Passion of Perpetua and Felicity. Through this exercise, we will review various aspects of Latin grammar and develop sound reading strategies as we continue our study of Latin together. Doing so will help us appreciate the cultural, literary, and historical issues that these two texts speak to, particularly those concerning identity (cultural, gender, or religious) and Roman social mores.</p> <p>Prerequisite(s): LATN 002 or placement into LATN 102.</p> <p>Attributes: A: Meaning, Interpretation (Texts) Classics Humanities</p>										
	1062	001	1.0		Carman Vera Romano	M W F	11:30AM	12:25PM		0
LATN	H211A	Advanced Latin Literature: Dear Cicero								
<p>What if your, emails, tweets, or blog posts were examined by scholars thousands of years in the future? What would they find? In this course, we will examine just such a case: the 914 personal letters written by Marcus Tullius Cicero that were preserved after his death by an unknown editor. We will read a selection of these letters, as well as letters from later periods that took their inspiration from Cicero's. In doing so, we will also see how other scholars have understood these documents: as literature, a historical archive, or even as confessions.</p> <p>Prerequisite(s): Two semesters of 100-level Latin, or instructor consent</p> <p>Attributes: A: Meaning, Interpretation (Texts) Humanities</p>										
	2697	001	1.0		Ryan Warwick	T Th	11:30AM	12:55PM		0
LATN	H350A	Seminar in Latin Literature: Postclassicisms: Flavian/Late Antique/Renaissance								
<p>This seminar will explore the concept of the "postclassical" and how subsequent authors engage "classical" authors, genres, works, and ideas. We will focus on three distinctive moments in which secondariness emerged as a formative element of aesthetic and intellectual programs: the Flavian period, Late Antiquity (broadly conceived), and the Renaissance (southern and northern). We will consider the configuration and transmission of classical canons and how these spurred envy, anxiety, rivalry, innovation, and (mis)/(re)interpretation (among other creative responses)—as well as the role that postclassical moments played in the construction of the classical. Alongside our collective investigation of a specific text or genre (likely one in prose and one in verse), students will have the opportunity to trace the iterative reception of an author, idea, or genre through these three epochs. Most of the work in the course will be Latin; but there will be some opportunities, for those so inclined, to look to Greek as well.</p> <p>May be repeated for credit.</p> <p>Attributes: A: Meaning, Interpretation (Texts) Humanities</p>										
	2606	001	1.0		Bret Mulligan	W	1:30PM	3:20PM		0
LING	H010F	Introduction to Zapotec								
<p>This course is an introduction to Dizhsa (San Lucas Quiavini Zapotec; Valley Zapotec) and is designed to give you an introduction to Dizhsa, an Indigenous language of Oaxaca, Mexico. Students will gain skills in listening, speaking, reading, and writing and will learn about cultural context in both Oaxaca and the diaspora. As a 0.5 unit course, this course does not satisfy the language requirement. This course is funded through the Mellon Together with Humanities grant.</p> <p>Pre-requisite(s): LING 215 (can also be a co-requisite) or instructor consent.</p>										

Haverford College Fall 2024 Course Guide

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<p>Lottery Preference: This course is funded by the Mellon Together with Humanities grant and may be offered for up to three years. It is funded under the schema of "course cluster" and will be in a cluster with Ling 215. Thus, students in Ling 215 should have priority in enrollment. Any open seats could be open lotteried. Enrollment Limit: 25.00 Attributes: A: Meaning, Interpretation (Texts) Humanities Latin American, Iberian, and Latinx Studies</p>										
	2689	010	.5	TBA	Department staff	F	11:00AM	12:25PM		0
LING	H011A	American Sign Language I								
<p>Introduction to learning and understanding American Sign Language (ASL), and the cultural values and rules of behavior of the American Deaf community. Includes receptive and expressive readiness activities; sign vocabulary; grammatical structure; facial expressions (emotional & grammatical), body/spatial movement, gestures; receptive and expressive fingerspelling; and deaf culture do's and don'ts. Specific concepts/topics include the number/letter basics, identifying people, activities, places, and family. This course is funded by Mellon Together with Humanities Grant. Can count towards Haverford's Language Requirement. Pre-requisite(s): WRPR 118 (can also be a co-requisite) or instructor consent. Lottery Preference: This course is funded by the Mellon Together with Humanities grant and may be offered for up to three years. It is funded under the schema of "course cluster" and will be in a cluster with a first year writing seminar on Disability and Difference. Enrollment Limit: 20.00 Attributes: A: Meaning, Interpretation (Texts) Humanities</p>										
	2690	001	1.0	TBA	Department staff					0
LING	H101A	Introduction to Linguistics								
<p>An introductory survey of linguistics as a field. This course examines the core areas of linguistic structure (morphology, phonology, syntax, semantics), pragmatics, and language variation in relation to language change. The course provides rudimentary training in the analysis of language data, and focuses on the variety of human language structures and on the question of universal properties of language. Enrollment Limit: 25, 10 spaces reserved for incoming first year students Lottery Preference(s): (1) Sr. Ling Majors (2) Jr. Ling Majors (3) Sr. Ling Minors (4) Jr. Ling Minors (5) Neuroscience majors/minors (6) sophomores (7) first years (8) everyone else (jrs/seniors) Attributes: A: Meaning, Interpretation (Texts) B: Analysis of the Social World Humanities</p>										
	1519	001	1.0	TBA	Department staff	T Th	10:00AM	11:25AM		0
LING	H113A	Introduction to Syntax								
<p>This course is a hands-on investigation of sentence structures in human language. This is a participation intensive course. Collectively, the class will develop an increasingly complex syntactic theory starting with basic assumptions and seeing where they lead. In the process, students will develop skills in observing syntactic patterns and analyzing these patterns in order to come to some generalizations on their own. Enrollment Limit: 25 Lottery Preference(s): (1) Sr. Ling Majors (2) Jr. Ling Majors (3) Sr. Ling Minors (4) Jr. Ling Minors (5) Neuroscience minors (6) sophomores</p>										

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
LING	H299A	Advanced Research Methods								
		Students will explore the methods and tools used in research in many linguistics subfields, such as theoretical, corpus, experimental, and sociolinguistics. We will study examples of previous senior theses as well as published articles, identifying their research questions, contributions, and argument structure. Students will also work on a topic of their own choosing, compiling and synthesizing literature and culminating in a research proposal that could serve as the starting point for their senior thesis. Pre-requisite(s): Any TWO of the following, or instructor permission: LING101 (S001) Introduction to Linguistics, LING125 (S025) Sociolinguistics, LING113 (S050) Syntax, LING114 (S040) Semantics, LING115 (S045) Phonetics and Phonology Lottery Preference: 1) Senior majors, 2) Junior Majors, 3) Minors, 4) Everyone else Enrollment Limit: 15.00 <i>Attributes: B: Analysis of the Social World Social Science</i>								
		1419	001	1.0	Amanda Payne	T	1:30PM	3:55PM		0
LING	H399A	Senior Thesis Seminar								
		This seminar exposes students to linguistic research methods and guides them through the conceptualization of a topic, the research, and the writing of a senior thesis. All linguistics majors must write their senior thesis in this seminar or Ling S100 or S195. Enrollment limited to 15 students, Senior linguistics majors only. <i>Attributes: A: Meaning, Interpretation (Texts) B: Analysis of the Social World Humanities</i>								
		1312	001	1.0	Amanda Payne	F	1:30PM	3:55PM		0
		1313	002	1.0	Noah Elkins	F	1:30PM	3:55PM		0
MATH	H105A	Applied Modeling with Calculus								
		An introduction to aspects of calculus useful in applied work in the natural and social sciences, with a strong emphasis on developing mathematical modeling skills. Topics include differential and integral calculus of functions of one variable, multivariable optimization, and modeling with differential equations. Applications to biology, economics, and physics. This course is taught at the level of a beginning calculus course, and no prior calculus experience is assumed. Prerequisite(s): Not open to students placing into MATH 118 or higher or Math 105 cannot be taken by students who have AP credit for calculus or with previous calculus credit, except with instructor consent Enrollment Limit: 25 <i>Attributes: C: Physical and Natural Processes Natural Science Quantitative</i>								
		1355	001	1.0	TBA Department staff	M W F	10:30AM	11:25AM		0
		1562	002	1.0	TBA Department staff	M W F	11:30AM	12:25PM		0
MATH	H118A	Calculus: Dynamics and Integration								
		A study of the evolution of systems defined by difference and differential equations. Methods of analysis come from calculus: the limit, the derivative, and the integral from numerical, graphical, and symbolic perspectives. Not open to students placing into Math 121 or higher, except with instructor permission. Prerequisite(s): MATH 105 or placement. Not open to students with credit for MATH B102 (Calculus II) or equivalent, except with instructor consent Enrollment Limit: 24 <i>Attributes: C: Physical and Natural Processes Natural Science Quantitative</i>								
		1336	001	1.0	Joshua Sabloff	M W	10:00AM	11:25AM		0
		1337	002	1.0	Joshua Sabloff	M W	2:30PM	3:55PM		0
		1352	003	1.0	TBA Department staff	M W	11:30AM	12:55PM		0
		1356	004	1.0	TBA Department staff	M W	1:00PM	2:25PM		0
MATH	H121A	Multivariable Calculus								
		An introduction to functions of several variables, vector geometry, partial derivatives, optimization, Taylor's Theorem, multiple integrals, line integrals, and Green's and Stokes' Theorems. Prerequisite(s): MATH 118 or equivalent placement, or instructor consent. Not open to students who have previously taken multivariable calculus at the college level, either at Haverford or elsewhere, except with instructor consent Enrollment Limit: 24 <i>Attributes: Biophysics C: Physical and Natural Processes Natural Science Quantitative</i>								
		1338	001	1.0	TBA Department staff	M W F	9:30AM	10:25AM		0

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
		1339	002	1.0	TBA Department staff	M W F	10:30AM	11:25AM		0
		1349	003	1.0	TBA Department staff	M W F	10:30AM	11:25AM		0
		1357	004	1.0	TBA Department staff	M W F	11:30AM	12:25PM		0
MATH	H203A	Statistical Methods and their Applications								
		An introduction to statistical methods used to analyze data in the natural and social sciences. It covers descriptive statistics, the binomial and normal distributions, expected value and variance, confidence intervals and hypothesis testing, comparison of two samples, regression, and analysis of variance. A required computer lab, using R, is taught alongside this course.								
		Crosslisted: Mathematics, Statistics								
		Prerequisite(s): MATH 118 or higher, placement into MATH 121 or higher, or instructor consent. Students who have taken another introductory statistics course at Haverford or Bryn Mawr may only enroll in STAT 203 with instructor consent								
		Enrollment Limit: 20								
		Attributes: C: Physical and Natural Processes Natural Science Quantitative								
		1342	001	1.0	Lynne M. Butler	M W	2:30PM	3:55PM		0
		1343	00A	.0	Lynne M. Butler	F	2:30PM	3:55PM		0
MATH	H210A	Linear Optimization								
		An introduction to the optimization of a linear function subject to linear constraints, with applications that include game theory, transportation problems, and network flows. The course includes some theoretical material on the properties of these linear optimization problems, and also a strong emphasis on algorithms, especially the simplex method and some enhancements to it (which are especially relevant since many applications involve many variables and many constraints).								
		Crosslisted: Mathematics, Computer Science, Economics								
		Prerequisite(s): Co-requisite of Math 121 or 215, or equivalent placement, or instructor consent								
		Enrollment Limit: 35								
		Attributes: C: Physical and Natural Processes Data Science Natural Science								
		2647	001	1.0	Robert S. Manning	M W	1:00PM	2:25PM		0
MATH	H215A	Linear Algebra								
		An abstract introduction to linear algebra, focusing on proof techniques. Topics covered include: vector spaces, linear transformations and matrices, determinants, eigenvalue problems, quadratic forms, and the spectral theorem.								
		Prerequisite(s): MATH 121 or equivalent placement, or 118 with instructor consent, or CMSC 231								
		Enrollment Limit: 25								
		Attributes: C: Physical and Natural Processes Natural Science Quantitative								
		1330	001	1.0	Jeffrey Tecosky-Feldman	M W F	10:30AM	11:25AM		0
		1331	002	1.0	Jeffrey Tecosky-Feldman	M W F	12:30PM	1:25PM		0
MATH	H218A	Probability								
		An introduction to probability theory. Topics include: sample spaces, combinatorics, conditional probability, independence, discrete and continuous random variables, functions of random variables, expected value and variance, the moment generating function, and some basic limit theorems.								
		Prerequisite(s): MATH 216 or 121 or consent								
		Enrollment Limit: 30								
		Attributes: C: Physical and Natural Processes Natural Science Quantitative								
		1341	001	1.0	Lynne M. Butler	M W F	10:30AM	11:25AM		0
MATH	H295A	Topics in Mathematics: Computational Number Theory								
		An introduction to number theory with a heavy focus on computation and algorithms. We will explore properties of integers and their relationships through primarily computational techniques. Throughout, we will emphasize both theoretical understanding and practical								

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
					application. Topics will include primality testing, arithmetic functions, complexity, Diophantine equations, and investigating conjectures. We will be using Python in this course, but prior programming experience is not needed. Prerequisite: MATH 121 or permission from instructor Lottery Preference: Math majors, then math/stat minors Enrollment Limit: 25.00 Attributes: C: Physical and Natural Processes Natural Science					
		2667	001	1.0	Anthony Kling	M W	1:00PM	2:25PM		0
MATH	H299A				Junior Seminar in Mathematics and Statistics					
					A course to introduce all math majors to research and communication methods used by mathematicians and statisticians, and to discuss the structures and workings of mathematical communities, including the ethical implications of bringing mathematical skills to a workplace or community. Students produce a "junior paper" anchored in an application of linear algebra, helping prepare them to write a thesis as a senior, and plan a colloquium or panel discussion open to the entire Haverford community. Pre-requisite(s): Linear Algebra (MATH H215) or instructor consent Lottery Preference: Math Majors, by seniority within that group Enrollment Limit: 25.00 Attributes: C: Physical and Natural Processes Natural Science					
		1573	001	1.0	Tarik Aougab	F	1:30PM	3:55PM		0
MATH	H317A				Analysis I					
					A rigorous development of topics in calculus, including the axioms of the real number line, cardinality, convergence of sequences, point-set topology (open/closed sets, compactness, connectedness), continuity, differentiability, and the Riemann integral. The course also has a major focus on the writing of clear and correct mathematical proofs. Prerequisite(s): MATH 215 and either 121 or 216, or instructor consent Enrollment Limit: 25 Attributes: C: Physical and Natural Processes Natural Science Quantitative					
		1340	001	1.0	David Lippel	M W F	11:30AM	12:25PM		0
MATH	H333A				Algebra I					
					A rigorous treatment of fundamental algebraic structures. Topics include: introduction to groups, modular arithmetic, polynomials, rings, fields, Galois theory, vector spaces, and modules. Prerequisite(s): MATH 215 and either 121 or 216, or instructor consent Enrollment Limit: 25 Attributes: C: Physical and Natural Processes Natural Science Quantitative					
		2641	001	1.0	Tarik Aougab	M W	2:30PM	3:55PM		0
MATH	H340A				Analysis of Algorithms					
					Qualitative and quantitative analysis of algorithms and their corresponding data structures from a precise mathematical point of view. Performance bounds, asymptotic and probabilistic analysis, worst case and average case behavior. Correctness and complexity. Particular classes of algorithms such as sorting searching will be studied in detail. Crosslisted: Computer Science, Mathematics Prerequisite(s): CMSC 106 or 107 or B206, and 231, or instructor consent Enrollment Limit: 24 Lottery Preferences: 1.) Senior CS majors 2.) Senior CS minors 3.) Junior CS majors and Senior CS concentrators 4.) Sophomores and first-year students 5.) Others Attributes: C: Physical and Natural Processes Natural Science Quantitative					
		1108	001	.0	Steven Lindell	M W F	10:00AM	11:25AM		0
		1107	00A	1.0	Steven Lindell	M W F	10:00AM	11:25AM		0
MATH	H361A				Applied Multivariate Statistical Analysis					

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crđ	Instructor(s)	Days	Start	End	Room	Enrld
<p>An introduction to multivariate statistical analysis. The course includes methods for choosing, fitting, and evaluating multiple regression models and analysis of variance models. A required computer lab, using R, is taught alongside this course.</p> <p>Crosslisted: Mathematics, Statistics Prerequisite(s): MATH 215 and one of the following: ECON 204, MATH 203, PSYC 200, SOCL 215 Enrollment Limit: 15 Lottery Preference(s): Math majors with statistics focus, then statistics minors, then by seniority Attributes: C: Physical and Natural Processes Natural Science Quantitative</p>										
	2650	001	1.0		Weiwen Miao	M W	2:30PM	3:55PM		0
	2651	00A	.0		Weiwen Miao	F	2:30PM	3:55PM		0
MATH	H383A	Partial Differential Equations								
<p>This course is an introduction to partial differential equations, involving a mix of (1) analysis (the use of various tools to ask questions of existence and uniqueness of solutions and, in special cases, find solutions), (2) computation (the development of numerical techniques to find approximate solutions on the computer), and (3) modeling (the connection of mathematics to real problems). The balance of these features will vary from instructor to instructor. Pre-requisite(s): MATH H204 or equivalent, or instructor permission Lottery Preference: Math majors, then math minors, then by seniority Enrollment Limit: 15.00 Attributes: C: Physical and Natural Processes Natural Science</p>										
	2660	001	1.0		Robert S. Manning	T Th	11:30AM	12:55PM		0
MATH	H392A	Advanced Topics in Analysis: Function Spaces and Differential Equations								
<p>Introduction to analysis in spaces of functions with a focus on generalizing ideas from the reals. Foundational topics include uniform convergence, power series, Weierstrass approximation, and compactness. We will then build on those foundations by studying functionals and the calculus of variations, operators and ordinary differential equations, and Hilbert spaces and Laplace's equation. Prerequisite: MATH 317. Enrollment Limit: 15 Attributes: C: Physical and Natural Processes Natural Science Quantitative</p>										
	2646	001	1.0		Joshua Sabloff	M W F	11:30AM	12:25PM		0
MATH	H399F	Senior Seminar								
<p>Seminar for students writing senior papers, dealing with the oral and written exposition of advanced material. Attributes: C: Physical and Natural Processes Natural Science</p>										
	1329	001	.5		David Lippel	F	1:30PM	3:55PM		0
MATH	H400F	Senior Research								
<p>Work on Senior Thesis with Advisor. Attributes: C: Physical and Natural Processes Natural Science Quantitative</p>										
	1328	001	.5		Tarik Aougab					0
	1332	002	.5		Robert S. Manning					0
	1333	003	.5		Weiwen Miao					0
	1334	004	.5		Joshua Sabloff					0
	1335	005	.5		TBA Department staff					0
	1344	006	.5		TBA Department staff					0
	1361	007	.5		TBA Department staff					0
	1362	008	.5		TBA Department staff					0
MATH	H480A	Independent Study								
<p>Independent Study</p>										
	1351	001	1.0							0
	1354	002	1.0							0
MATH	H480F	Independent Study								

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
		1346	001	.5						0
		1350	002	.5						0
MUSC	H102F	Chorale	<p>Chorale is a large mixed chorus that performs major works from the oratorio repertoire with orchestra and student soloists. Attendance at weekly two-hour rehearsals and dress rehearsals during performance week is required. Entrance by audition. Students can start Chorale at the beginning of any semester. This course is graded universal P/F in which no numerical grade is assigned.</p> <p><i>Attributes: Humanities</i></p>							
		1111	001	.5	Nathan Zullinger	W	7:00PM	9:15PM		0
MUSC	H140A	Transatlantic Sounds	<p>This course provides an overview of the world's musical traditions, with selected case studies from each of ten regions: Oceania, South Asia, East Asia, Southeast Asia, the Middle East, North America, Europe, Africa, the Caribbean, and Latin America. It introduces ways to think and write about the huge diversity of musical genres from different parts of the world, together with their performers, audiences, and cultural contexts.</p> <p>Enrollment Limit: 25.00</p> <p><i>Attributes: A: Meaning, Interpretation (Texts) Humanities Latin American, Iberian, and Latinx Studies</i></p>							
		2679	001	1.0	Edwin Porras	T Th	1:00PM	2:25PM		0
MUSC	H203A	Principles of Tonal Harmony I	<p>An introduction to tonal music theory and compositional practice, drawing on diverse American and European repertoires. Explored are techniques of musical analysis, harmonization in four parts, and the craft of composition from the phrase level to larger units of structure. Composition of a set of variations, sonatina, or other homophonic piece is the final project. Lab period covers related aural and keyboard harmony skills.</p> <p>Prerequisite(s): MUSC 110 or instructor consent</p> <p><i>Attributes: A: Creative Expression Humanities</i></p>							
		1113	001	1.0	Mei-ling Lee	T Th	2:30PM	3:55PM		0
		2440	00A	.0	Mei-ling Lee	F	1:30PM	2:25PM		0
MUSC	H208F	Private Study: Instrumental	<p>All students enrolled in the private study program should be participating in a departmentally directed ensemble or activity (Chorale, Orchestra, etc.) as advised by their program supervisor. Students receive ten hour-long lessons with approved teachers for one-half credit, graded. All students in the private study program perform for a faculty jury at the end of the semester. Students assume the cost of their lessons, but may apply for private study subsidies at the beginning of each semester's study through the department.</p> <p><i>Attributes: A: Creative Expression Humanities</i></p>							
		1114	001	.5	Heidi Carolyn Jacob					0
MUSC	H209F	Private Study: Voice	<p>All students enrolled in the private study program should be participating in a departmentally directed ensemble or activity (Chorale, Orchestra, etc.) as advised by their program supervisor. Students receive ten hour-long lessons with approved teachers for one-half credit, graded. All students in the private study program perform for a faculty jury at the end of the semester. Students assume the cost of their lessons, but may apply for private study subsidies at the beginning of each semester's study through the department.</p> <p><i>Attributes: A: Creative Expression Humanities</i></p>							
		1115	001	.5	Nathan Zullinger					0
MUSC	H210F	Private Study: Keyboard	<p>All students enrolled in the private study program should be participating in a departmentally directed ensemble or activity (Chorale, Orchestra, etc.) as advised by their program supervisor. Students receive ten hour-long lessons with approved teachers for one-half credit, graded. All students in the private study program perform for a faculty jury at the end of the semester. Students assume the cost of their lessons, but may apply for private study subsidies at the beginning of each semester's study through the department.</p> <p><i>Attributes: A: Creative Expression Humanities</i></p>							

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
		1116	001	.5	Heidi Carolyn Jacob					0
MUSC	H214F	Chamber Singers								
		A 30-voice mixed choir that performs a wide range of mostly a cappella repertoire from the Renaissance to the present day, in original languages. The choir performs on and off campus, both public concerts and outreach concerts to underserved audiences. Requires attendance at three 80-minute rehearsals weekly. Entrance by audition at the beginning of the Fall semester each year. This course is graded universal P/F in which no numerical grade is assigned.								
		1112	001	.5	Nathan Zullinger	M Th	4:40PM	6:20PM		0
MUSC	H215F	Chamber Music								
		Intensive rehearsal of works for small instrumental groups, with supplemental assigned research and listening. Performance is required. Students enrolled in Chamber Music have the opportunity to receive coaching from visiting artists on the Concert Artist Series and from resident ensembles. Performances take place at Haverford and Bryn Mawr Colleges, and other community venues. This course is available to those students who are concurrently studying privately, or who have studied privately immediately prior to the start of the semester. In addition, all students playing orchestral instruments must participate concurrently in the Orchestra, unless granted permission by the music director. Entrance by audition only. This course is graded universal P/F in which no numerical grade is assigned.								
		1109	001	.5	Heidi Carolyn Jacob					0
MUSC	H216F	Orchestra								
		The Haverford-Bryn Mawr Orchestra has over seventy members and performs a wide range of symphonic repertoire. Orchestra members are expected to attend one two-and-a-half hour rehearsal per week, and are guided in sectional rehearsals by professional musicians. There are three/four performances a year, including Parents/Family Weekend concerts. The spring Orchestra concert features the winner of the annual student concerto competition. Entrance by audition only. This course is graded universal P/F in which no numerical grade is assigned.								
		1110	001	.5	Heidi Carolyn Jacob	Th	7:30PM	9:30PM		0
MUSC	H229A	Thinking about Music: Ideas, History, and Musicology								
		Core concepts and perspectives for the serious study of music. Students explore music, meaning, and musicological method in a variety of contexts through a set of six foundational themes and questions: Music and the Idea of Genius, Who Owns Music?, Music and Technology, The Global Soundscape, Music and the State, and Tonality, Sense, and Reason. Each unit uses a small number of musical works, performances, or documents as a focal point. In each unit we also read current musicological work in an attempt to understand the methods, arguments, and perspectives through which scholars interpret music and its many meanings. This course is required of all music majors and minors in their sophomore or junior year. Prerequisite(s): MUSC 110, 111, or 203 Attributes: A: Meaning, Interpretation (Texts) Humanities								
		1117	001	1.0	Richard Freedman	M W	10:00AM	11:25AM		0
MUSC	H241A	Music and Social Justice								
		Music and Social Justice explores the relationship between ethnomusicology and social justice. The course introduces themes, concepts, tools, and methodologies of applied ethnomusicology, and discusses the role of the ethnomusicologist on a wide set of issues, including advocacy, indigenous people, education, agencies, and conflict. It considers traditional, popular, and ritual forms of music around the world and their significance to the struggle for social justice. The course is open to students from all disciplines; there are no pre-requisites and knowledge of music performance and theory is helpful but not necessary. Attributes: A: Meaning, Interpretation (Texts) Humanities								
		2435	001	1.0	Edwin Porras	M W	1:00PM	2:25PM		0
MUSC	H255A	Encoding Music: Digital Approaches to Scores and Sound								
		How do we represent music, in all its forms, from concept to practice? What sorts of systems have humans devised to learn, transmit, and preserve music? How have we collected and categorized music? And what might these activities look like in an era of ubiquitous data? In this course musicians and computer scientists will team up to explore two key dimensions of the digital revolution for music: data about music, and music as data. Pre-requisite(s): This course is open to students interested in music, computer science or data science. Some previous coursework or experience with either (but not both) would be good preparation for this course. That is either: a basic								

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crđ	Instructor(s)	Days	Start	End	Room	Enrld
working knowledge of musical concepts (staff notation, guitar tablature, scales and keys, or work with MIDI) or some familiarity with computer code (Python, XML) or data structures. Lottery Preference: Music Majors and Minors. BMC Data Science Minors. CS Majors. Enrollment Limit: 25.00 Attributes: A: Meaning, Interpretation (Texts) C: Physical and Natural Processes Data Science Humanities Symbolic Reasoning										
		1420	001	1.0	Richard Freedman	M W	2:30PM	3:55PM		0
		1434	00A	.0	Richard Freedman	Th	1:00PM	1:55PM		0
		2436	00B	.0	Richard Freedman	Th	2:00PM	2:55PM		0
		2437	00C	.0	Richard Freedman	Th	3:00PM	3:55PM		0
MUSC	H266A	Composition								
Preparation of a portfolio of compositions for various instruments and ensembles. Weekly assignments designed to invite creative, individual responses to a variety of musical ideas; experimentation with harmony, form, notation, and text-setting. Performance of student works-in-progress and final reading/recording session with professional musicians. Recent classes have had their compositions read by Network for New Music, percussionist Phillip O'Banion, and the Amernet String Quartet. Prerequisite(s): MUSC 204 and instructor consent Attributes: A: Creative Expression Humanities										
		2438	001	1.0	Ingrid Arauco	T Th	10:00AM	11:25AM		0
		2441	00A	.0	Ingrid Arauco					0
MUSC	H268A	Sonic Narratives - Storytelling through Sound Synthesis								
"Sonic Narratives" is a course that combines traditional instruments and electronic music technologies to explore storytelling through sound. The course explores the language of sound as a potent narrative tool, covering advanced sound synthesis techniques such as Additive, Subtractive, FM, Granular, and Wavetable Synthesis using state-of-the-art tools like KYMA and Logic Pro. Beyond technical proficiency, students will explore how these synthesis techniques contribute to diverse fields, from cinematic soundtracks to social media engagement. Pre-requisite(s): MUS 134, or consent of the instructor. No standard notation knowledge will be necessary, but a fundamental understanding of sound and musical elements would be beneficial. Lottery Preference: Music major / Music minor Enrollment Limit: 12.00 Attributes: A: Creative Expression Humanities										
		2668	001	1.0	Mei-ling Lee	T Th	11:30AM	12:55PM		0
		2669	00A	.0	Mei-ling Lee					0
MUSC	H303A	Advanced Tonal Harmony								
Study of late 19th-century harmonic practice in selected works of Liszt, Wagner, Brahms, Fauré, Wolf, Debussy, and Mahler. Exploration of chromatic harmony through analysis and short compositions; final composition project consisting of either art song or piano piece such as nocturne or intermezzo. Musicianship lab covers related aural and keyboard harmony skills. Prerequisite(s): MUSC 204 Attributes: A: Creative Expression Humanities										
		1118	001	1.0	Ingrid Arauco	T Th	8:30AM	9:55AM		0
		2442	00A	.0	Ingrid Arauco					0
MUSC	H480A	Independent Study								
Prerequisite(s): Approval of department and consent of instructor Attributes: Humanities										
		1119	001	1.0	Ingrid Arauco					0
		1120	002	1.0	Richard Freedman					0
		1121	003	1.0	Heidi Carolyn Jacob					0
		1122	004	1.0	Mei-ling Lee					0
		1184	005	1.0	Edwin Porras					0

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
		2439	006	1.0	Nathan Zullinger					0
NEUR	H100A	Introduction to Neuroscience								
		Neuroscience is an interdisciplinary field that seeks to understand the structure and functions of nervous system. Topics include evolution and development of the nervous system, neuroimaging and anatomy, neurophysiological basis of learning and memory, cognitive-behavioral development, and sensation and perception.								
		Prerequisite(s): This course is not open to students who have previously taken HC Psych 217, HC Psych 260, or BMC Psych 218								
		Enrollment Limit: 35								
		Lottery Preference(s): 15 spaces reserved for first years.								
		<i>Attributes: C: Physical and Natural Processes Natural Science</i>								
		1276	001	1.0	Emily Black	M W	10:00AM	11:25AM		0
		1620	002	1.0	TBA Department staff	T Th	11:30AM	12:55PM		0
NEUR	H305A	Neurobiology of Substance Use Disorders								
		This seminar will use peer-reviewed literature to explore how different experimental approaches are used to model and measure substance use disorders on a behavioral and neurobiological level. In addition to understanding the neurobiological effects of substances such as opiates, stimulants, and alcohol, we will also be examining societal and political implications of substance use disorders.								
		Pre-requisite(s): Prior Completion of NEUR 100 or PSYC H217/ PSYC B218 is required. Completion or concurrent enrollment in Psyc 200 is recommended.								
		Lottery Preference: Priority to senior neuroscience majors, followed by junior neuroscience majors, followed by psychology or biology majors and neuroscience minors.								
		Enrollment Limit: 12.00								
		<i>Attributes: C: Physical and Natural Processes Natural Science Neuroscience</i>								
		2676	001	1.0	Emily Black	M W	1:00PM	2:25PM		0
NEUR	H398A	Sr Thesis Neuroscience								
		Sr Thesis Neuroscience								
		1604	001	1.0	Laura E. Been	F	1:30PM	3:55PM		0
		1605	002	1.0	Roshan Jain	F	1:30PM	3:55PM		0
		1606	003	1.0	Rebecca Compton	F	1:30PM	3:55PM		0
		1607	004	1.0	Robert Fairman	F	1:30PM	3:55PM		0
		1608	005	1.0	Emily Black	F	1:30PM	3:55PM		0
NEUR	H480A	Independent Study								
		1734	001	1.0						0
NEUR	H480F	Independent Study								
		1750	001	.5						0
		1771	002	.5						0
		1791	003	.5						0
		1796	004	.5						0
		1802	005	.5						0
PEAC	H101A	Intro to Peace, Justice and Human Rights								
		Introduction to the study of peace, justice and human rights, surveying philosophies of rights and justice; approaches to (and reasons for) peace, war, and nonviolence; clashes between human rights and conflict resolution; why study of human rights is necessarily interdisciplinary.								
		Enrollment Limit: 25								
		Lottery Preferences: 10 seats for incoming first-year students; PJHR concentrators and sophomores.								
		<i>Attributes: A: Meaning, Interpretation (Texts) B: Analysis of the Social World Peace, Justice and Human Rights Social Science</i>								
		1515	001	1.0	Joshua Ramey	M W	11:30AM	12:55PM		0

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
PEAC	H201A				Applied Ethics of Peace, Justice and Human Rights					
<p>This course surveys major legal and ethical theories with a view to helping students understand arguments about peace, justice and human rights and formulate their own creative approaches to ethical problems. Theories will be applied to concrete problems of justice. No prerequisites. Enrollment Limit: 25 Lottery Preference: PJHR concentrators, then first-year students and sophomores Attributes: A: Meaning, Interpretation (Texts) B: Analysis of the Social World Health Studies Humanities Peace, Justice and Human Rights</p>										
	1326	001	1.0		Prea Persaud Khanna	T Th	8:30AM	9:55AM		0
PEAC	H218D				Work and Justice: Personal Growth, Structural Analysis, and Change					
<p>This course provides students with focused opportunities to identify and develop their applied skills. It engages text, experience, and reflective processes to develop the methods, skills, and habits for translating theoretical inquiry and applied experiences for continuous growth, improvement and informed ethical action. Each student should grow in their understanding of themselves and their vocation, while also developing capacities to better contribute to broader organizations, communities, businesses, and movements. Pre-requisite(s): Students must participate in a summer internship through the College. Enrollment Limit: 35.00 Attributes: A: Meaning, Interpretation (Texts) Humanities Peace, Justice and Human Rights</p>										
	2695	001	.5		Eric Hartman	M W	1:00PM	2:25PM		0
	2696	002	.5		Eric Hartman	M	7:30PM	9:55PM		0
PEAC	H220A				Caste and Power					
<p>This course explores the existence and effects of caste as a manifestation of power through several vectors such as religion, gender, class, etc. Enrollment Limit: 25.00 Attributes: Asian American Studies B: Analysis of the Social World Humanities Peace, Justice and Human Rights</p>										
	2677	001	1.0		Prea Persaud Khanna	T Th	10:00AM	11:25AM		0
PEAC	H298A				Impact Investing					
<p>Impact investing is investing to generate both a financial return and a positive social benefit. It supports firms seeking to address social, environmental and /or governance problems (ESG) in a sustainable way often within market activity. The focus of this course is to not only gain an understanding of the theory and practice of impact investing across its many components, but also to gain practical experience by assessing a particular set of potential impact investments, making formal presentations of findings to an investment committee leading to a recommendation for investment to a partnering foundation. Crosslisted: Economics, Independent College Programs, PJHR Prerequisite(s): ECON 104 or 105 or 106 Enrollment Limit: 16 Attributes: B: Analysis of the Social World Peace, Justice and Human Rights Social Science B: Analysis of the Social World Peace, Justice and Human Rights Social Science</p>										
	1546	001	1.0		Shannon B. Mudd	F	1:00PM	1:55PM		0
	1546	001	1.0		Shannon B. Mudd	M W	1:00PM	2:25PM		0
PEAC	H332A				Inevitability, & other myths of technology					
<p>This discussion seminar explores technologies from a cultural, sociological, and always critical perspective. Drawing on literature from an interdisciplinary set of fields including science and technology studies, media, cultural, and infrastructure studies, we will explore how relationships and understandings of technology are built throughout society. Through this social constructivist view, students will be exposed to the politics of technology while also building awareness of how these politics have and can be challenged. Enrollment Limit: 15.00 Attributes: B: Analysis of the Social World Humanities Peace, Justice and Human Rights</p>										
	2678	001	1.0		Xerxes Minocher	T	1:30PM	3:55PM		0
PEAC	H335A				Remember the Future: Cosmology as Politics					

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crđ	Instructor(s)	Days	Start	End	Room	Enrld	
					<p>A study of the relations between political possibility and visions of ultimate reality, this course introduces students to a range of visions for order and change both within and beyond the West, past and present. Special attention is given to conceptions of "the end of the world" in relation to the ongoing ecological crisis and its political causes and consequences.</p> <p>Enrollment Limit: 15.00</p> <p>Attributes: A: <i>Meaning, Interpretation (Texts)</i> Humanities Peace, Justice and Human Rights</p>						
		2680	001	1.0	Joshua Ramey	M W	1:00PM	2:25PM		0	
PEAC	H395A	Capstone in Peace, Justice and Human Rights									
		<p>This capstone course consolidates student experience of a program that integrates scholarship, theory, library and field research, and policy perspectives. It incorporates research assignments, collaboration, a conference presentation and a dossier on student work in the concentration. For PJHR senior concentrators.</p> <p>Enrollment Limit: 12</p> <p>Lottery Preference: PJHR concentrators only</p> <p>Attributes: A: <i>Meaning, Interpretation (Texts)</i> B: <i>Analysis of the Social World</i> Humanities Peace, Justice and Human Rights</p>									
		1360	001	1.0	Prea Persaud Khanna	M	7:30PM	9:55PM		0	
PHIL	H104A	Global Wisdom									
		<p>A critical exploration of classic texts from diverse philosophical traditions in a global context. This course seeks to cultivate a global perspective in philosophy and brings classical texts from diverse philosophical worlds into global dialogue. One aim is to help students to appreciate global patterns in rationality across traditions and to gain a critical understanding of common ground and significant differences in diverse wisdom traditions. Readings include Bhagavad-Gita, Dhamapada, Plato's Phaedo, and Descartes's Meditations. This course does not count toward the major or minor.</p> <p>Enrollment Limit: 25 (5 seats reserved for freshmen)</p> <p>Attributes: A: <i>Meaning, Interpretation (Texts)</i> Humanities</p>									
		2509	001	1.0	Ashok K Gangadean	T Th	2:30PM	3:55PM		0	
PHIL	H107A	Happiness, Virtue, and the Good Life									
		<p>Happiness is something that we all want, but what exactly is it? Perhaps happiness is or involves leading a flourishing life. What, then, is a flourishing life? Does such a life involve the possession and exercise of certain states of character? Which ones? This course will consider these and related issues, including the virtues and their interrelations, the nature and identity of persons, and the meaning (or meaninglessness) of life. Readings from classic and contemporary sources, including Plato, Aristotle, Locke, Hume, Nagel, and Wolf.</p> <p>Enrollment Limit: 45</p> <p>Attributes: A: <i>Meaning, Interpretation (Texts)</i> Humanities</p>									
		1269	001	1.0	Joel Yurdin	T Th	10:00AM	11:25AM		0	
PHIL	H111A	The Wicked and the Worthy									
		<p>The possibility of "doing good" in the world presumes that one can distinguish between good and bad actions, people, and consequences. But on what basis are we to make such distinctions? What grounds, if anything, our definitions of good and bad? This course examines such concerns through a survey of the history of ethical philosophy. In assessing ethical "first principles" we will consider as well questions of intentionality, power, and historical value. Readings include selections from Mill's Utilitarianism, Kant's Groundwork of the Metaphysics of Morals, and Nietzsche's Beyond Good and Evil.</p> <p>Attributes: A: <i>Meaning, Interpretation (Texts)</i> Humanities</p>									
		2510	001	1.0	Jerry Miller	M W	1:00PM	2:25PM		0	
PHIL	H210A	Plato									
		<p>A close reading of Plato's Meno, Phaedo, Republic, Symposium, and Theaetetus, with a focus on issues in philosophical psychology and the theory of knowledge.</p> <p>Prerequisite(s): 100-level philosophy course or instructor permission.</p> <p>Attributes: A: <i>Meaning, Interpretation (Texts)</i> Humanities</p>									
		2511	001	1.0	Joel Yurdin	T Th	1:00PM	2:25PM		0	
PHIL	H242A	Buddhist Philosophy in a Global Context									

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld	
					<p>An introduction to classical Indian Buddhist thought in a global and comparative context. The course begins with a meditative reading of the classical text-The Dhamapada-and proceeds to an in depth critical exploration of the teachings of Nagarjuna, the great dialectician who founded the Madhyamika School.</p> <p>Prerequisite(s): At least one course in Philosophy or Religion or instructor permission. This course does not count toward the major or minor.</p> <p>Enrollment Limit: 40</p> <p>Attributes: A: Meaning, Interpretation (Texts) Humanities</p>						
		2512	001	1.0	Ashok K Gangadean	T Th	8:30AM	9:55AM		0	
PHIL	H260A				Historical Introduction to Logic						
					<p>Our aim is two-fold: first, to understand - in the sense of having a working knowledge of - both traditional Aristotelean and modern quantificational logic (translating sentences into logical notation, assessing the validity of arguments, constructing proofs, and so on); and second, to understand logic, why it matters, what it can teach us (both as philosophers and as thinkers more generally), and how it "works" in the broadest sense.</p> <p>Attributes: A: Meaning, Interpretation (Texts) Humanities Symbolic Reasoning</p>						
		2513	001	1.0	Paul Tran-Hoang	M W	1:00PM	2:25PM		0	
PHIL	H301A				Topics in Philosophy of Literature: Derrida						
		<p>Attributes: A: Meaning, Interpretation (Texts) Humanities</p>									
		2514	001	1.0	Jerry Miller	M W	2:30PM	3:55PM		0	
PHIL	H372A				Topics in Philosophy: Philosophy and Intersectionality						
		<p>This course will attempt to determine how and to what extent intersectionality may fit into the discipline of philosophy. Focusing on the ethical dimensions of the concept, we will determine the conceptual difficulties philosophy brings to bear on intersectionality.</p> <p>Prerequisite(s): 200 level Philosophy course or Instructor's Approval</p> <p>Attributes: A: Meaning, Interpretation (Texts) Africana Studies Gender and Sexuality Studies Humanities</p>									
		2515	001	1.0	Qrescent Mali Mason	T Th	2:30PM	3:55PM		0	
PHIL	H399A				Senior Seminar						
		<p>This course has several components: (a) participation in the Altherr Symposium, including three to four meetings devoted to preparation for the symposium, (b) participation in the Distinguished Visitors series, (c) the writing of a senior thesis, and (d) presentation of one's work for critical discussion with others in the seminar, as well as a final formal presentation.</p> <p>Attributes: Humanities</p>									
		1270	001	1.0	Joel Yurdin	F	1:30PM	3:55PM		0	
PHIL	H407A				Discussion Leaders						
		1572	001	.5						0	
PHYS	H101A				Classical and Modern Physics I						
		<p>Three class hours and one laboratory period. The first of a two-semester comprehensive introduction to physics, with an emphasis on life science applications involving Newtonian mechanics, oscillations, mechanics of materials, fluids, and thermal physics.</p> <p>Prerequisite(s): Calculus at the level of MATH H105 or equivalent should be taken prior to or concurrently with this course</p> <p>Enrollment Limit: 72</p> <p>Attributes: C: Physical and Natural Processes Natural Science Quantitative</p>									
		1195	001	1.0	Vijay Singh	M W F	9:30AM	10:25AM		0	
		1199	00A	.0	Paul Thorman	M	1:30PM	3:55PM		0	
		1200	00B	.0	Paul Thorman	T	1:30PM	3:55PM		0	
		1201	00C	.0	Paul Thorman	F	1:30PM	3:55PM		0	
PHYS	H105A				Fundamental Physics I						

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
<p>Three class hours and one laboratory period. Newtonian mechanics and thermodynamics. Applications are drawn primarily from the physical sciences. This sequence (105/106) is meant as a one-year introduction suitable for students interested in the physical sciences. Prerequisite(s): MATH 118 or equivalent (MATH 118 may be taken concurrently) Enrollment Limit: 72 Attributes: C: Physical and Natural Processes Natural Science Quantitative</p>										
	1196	001	1.0	Andrea N. Lommen		M W	10:00AM	11:25AM		0
	1202	00A	.0	Paul Thorman		M	1:30PM	3:55PM		0
	1203	00B	.0	Paul Thorman		T	1:30PM	3:55PM		0
	1204	00C	.0	Paul Thorman		F	1:30PM	3:55PM		0
PHYS	H106A	Fundamental Physics II								
<p>Electricity and magnetism, optics, electronics and special relativity. Applications are drawn primarily from the physical sciences. This sequence (105/106) is meant as a one-year introduction suitable for students interested in the physical sciences. Three class hours and one laboratory period. Prerequisite(s): MATH H118 and PHYS H105 or equivalent Enrollment Limit: 72 Attributes: C: Physical and Natural Processes Natural Science Quantitative</p>										
	1218	001	1.0	Steve Ndengue		M W F	11:30AM	12:25PM		0
	1380	00A	.0	Paul Thorman		M	1:30PM	3:55PM		0
	1381	00B	.0	Paul Thorman		T	1:30PM	3:55PM		0
	1382	00C	.0	Paul Thorman		F	1:30PM	3:55PM		0
PHYS	H211F	Laboratory in Electronics, Waves and Optics								
<p>The first half of this laboratory is an introduction to analog electronics and instrumentation. The second half includes experiments in waves and optics. Prerequisite(s): PHYS H213 must either be taken concurrently or as a prerequisite Enrollment Limit: 16 Lottery Preference(s): 1. Physics, astrophysics or astronomy majors 2. Sophomores 3. Physics & astronomy minors 4. First-years Attributes: Biophysics C: Physical and Natural Processes Natural Science</p>										
	1235	001	.5	Paul Thorman		W	1:30PM	3:55PM		0
	1236	002	.5	Paul Thorman		Th	1:30PM	3:55PM		0
PHYS	H213A	Waves and Optics								
<p>Vibrations and waves in mechanical, electronic, and optical systems with an introduction to related mathematical methods such as functions of a complex variable and Fourier analysis. Topics include free and driven oscillations, resonance, superposition, coupled oscillators and normal modes, traveling waves, Maxwell's equations and electromagnetic waves, interference, and diffraction. PHYS H211, a related laboratory half-course, is normally taken concurrently and is required for majors. Prerequisite(s): PHYS H106 and MATH H118 or equivalent Enrollment Limit: 30 Lottery Preference(s): 1. Physics, astrophysics or astronomy majors 2. Sophomores 3. Physics & astronomy minors 4. First-years Attributes: Biophysics C: Physical and Natural Processes Natural Science Quantitative</p>										
	1197	001	1.0	Walter F. Smith		M W F	11:30AM	12:25PM		0

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
PHYS	H308A	Mechanics of Discrete and Continuous Systems								
Classical mechanics of systems of particles, conservation laws, Lagrangian mechanics, motion in central potentials, and core elements of chaos/non-linear dynamics. Fluid mechanics, covering the assumptions of the fluid approximation, key conservation laws, laminar, creeping, turbulent flow, and special topics like convection, waves, vortices, rotating flows, instabilities, flight, and biological flows as time and interest permit.										
Prerequisite(s): Either PHYS H213 or PHYS B306										
Enrollment Limit: 30										
Lottery Preference(s):										
1. Physics, astrophysics & astronomy majors										
2. Physics & astronomy minors										
Attributes: C: Physical and Natural Processes Natural Science										
	2212	001	1.0	Theodore A. Brzinski		T Th	10:00AM	11:25AM		0
PHYS	H326A	Advanced Physics Laboratory								
Design, execution, and analysis of significant experiments, including experiments on fundamental techniques such as low-noise electronic measurements, optics, and computer interfacing, as well as more advanced experiments which change from year to year. These include studies of microfluidics, atomic spectroscopy, cosmic ray physics, superconductivity, sensor technologies, and chaotic dynamics.										
Prerequisite(s): PHYS H301, PHYS 214 and either PHYS H213 or PHYS B306										
Enrollment Limit: 14										
Lottery Preference(s):										
1. Physics, astrophysics & astronomy majors										
2. Physics & astronomy minors										
Attributes: C: Physical and Natural Processes Natural Science C: Physical and Natural Processes Natural Science										
	1206	001	1.0	Walter F. Smith		M	1:30PM	3:55PM		0
	1206	001	1.0	Theodore A. Brzinski		F	1:30PM	3:55PM		0
PHYS	H399F	Senior Seminar								
A capstone experience for seniors in physics and astrophysics meeting biweekly throughout the year. An introduction to scientific writing and speaking; scientific ethics; graduate study in physics and astronomy; career options for physics and astronomy majors, both within the field and outside science; preparation and presentation of senior papers and colloquia; attendance at lectures by distinguished visitors; and discussions of student and faculty research projects in the department. This course is graded universal P/F in which no numerical grade is assigned.										
Prerequisite(s): Senior standing in physics or astrophysics										
Enrollment Limit: 30										
Attributes: Natural Science										
	1198	001	.5	Theodore A. Brzinski		F	11:30AM	12:25PM		0
PHYS	H404A	Research in Astrophysics								
Intended for those students who choose to complete an independent research project in astrophysics under the supervision of a faculty member.										
Prerequisite(s): Instructor consent										
Enrollment Limit: 12										
Attributes: Natural Science										
	1189	001	1.0	Andrea N. Lommen						0
	1190	002	1.0	Karen L. Masters						0
PHYS	H404F	Research in Astrophysics								
Intended for those students who choose to complete an independent research project in astrophysics under the supervision of a faculty member.										
Prerequisite(s): Instructor consent										
Attributes: Natural Science										
	1193	001	.5	Andrea N. Lommen						0
	1194	002	.5	Karen L. Masters						0

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
PHYS	H411A				Research in Soft Matter Physics Experimental research studying the rigidity and failure of jammed, disordered solids, and the mechanical response of athermal and nonlinear materials. Prerequisite(s): Instructor consent <i>Attributes: Natural Science</i>					
		1205	001	1.0	Theodore A. Brzinski					0
PHYS	H411F				Research in Soft Matter Physics Experimental research studying the rigidity and failure of jammed, disordered solids, and the mechanical response of athermal and nonlinear materials. Prerequisite(s): Instructor consent <i>Attributes: Natural Science</i>					
		1212	001	.5	Theodore A. Brzinski					0
PHYS	H412A				Research in Theoretical and Computational Physics Independent research on current problems in theoretical physics, with emphasis on particle physics, physical cosmology, and mathematical physics; extensive use is also made of computer-based methods. Prerequisite(s): Instructor consent Enrollment Limit: 3 <i>Attributes: Natural Science</i>					
		1207	001	1.0	Daniel Grin					0
		1674	002	1.0	Steve Ndengue					0
PHYS	H412F				Research in Theoretical and Computational Physics Independent research on current problems in theoretical physics, with emphasis on particle physics, physical cosmology, and mathematical physics; extensive use is also made of computer-based methods. This course is graded universal P/F in which no numerical grade is assigned. Prerequisite(s): Instructor consent <i>Attributes: Natural Science</i>					
		1213	001	.5	Daniel Grin					0
		1675	002	.5	Steve Ndengue					0
PHYS	H413A				Research in Biological Physics Experimental & computational research applying physics to problems in biomechanics, animal behavior & sensory ecology. Prerequisite(s): Instructor consent Enrollment Limit: 6 <i>Attributes: Natural Science</i>					
		1208	001	1.0	Suzanne Amador Kane					0
		1679	002	1.0	Vijay Singh					0
PHYS	H413F				Research in Biological Physics Experimental research on the functionality and the statistical mechanics of biophysical systems. Current experiments include mechanical measurements of biopolymers, and computational studies of artificial evolution. This course is graded universal P/F in which no numerical grade is assigned. Prerequisite(s): Instructor Consent Enrollment Limit: 6 <i>Attributes: Natural Science</i>					
		1217	001	.5	Suzanne Amador Kane					0
		1680	002	.5	Vijay Singh					0
PHYS	H415A				Research in Nanoscale Physics Research on the morphology and electronic properties of nano-scale materials. Prerequisite(s): Instructor consent. Advanced lab experience preferred Enrollment Limit: 5 <i>Attributes: Natural Science</i>					

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
		1209	001	1.0	Walter F. Smith					0
PHYS	H415F	Research in Nanoscale Physics								
		Research on the morphology and electronic properties of nano-scale materials. Prerequisite(s): Instructor consent. Advanced lab experience preferred Enrollment Limit: 5 Attributes: Natural Science								
		1210	001	.5	Walter F. Smith					0
PHYS	H460A	Association in Teaching Basic Physics								
		Study of the principles and practices of lecture instruction in physics through association with staff in Physics 101. The student will attend and critique course lectures; prepare, practice, and deliver a lecture; develop a lecture demonstration to be used in his or her lecture; participate in the preparation of examination problems and their evaluation; address student questions in the physics clinic; and write an evaluative final paper. Prerequisite(s): Senior standing in Physics, Astrophysics or Astronomy and instructor consent. Attributes: Natural Science								
		1211	001	1.0	TBA Department staff					0
PHYS	H480A	Independent Study								
		Intended for students who want to pursue some topic of study that is not currently offered in the curriculum. In order to enroll, a student must have a faculty sponsor. Prerequisite(s): Instructor consent Enrollment limit: 6 Attributes: Natural Science								
		1216	001	1.0	TBA Department staff					0
		1406	002	1.0	TBA Department staff					0
PHYS	H480F	Independent Study								
		1387	001	.5	TBA Department staff					0
		1503	002	.5	TBA Department staff					0
POLS	H121A	American Politics								
		This course examines the dynamics of the political process as seen in the Congress, the Presidency, and the judiciary. It also focuses on the roles that interest groups, public opinion, the media, and political parties and elections play in the American political system. Enrollment Limit: 35 Attributes: B: Analysis of the Social World Social Science								
		1071	001	1.0	Hannah Mariah Solomon-Strauss	T Th	1:00PM	2:25PM		0
POLS	H131A	Introduction to Comparative Politics								
		An introduction to basic concepts and themes in comparative politics analyzed through case studies. Themes include political authority and governance structures; political culture and identity politics; political participation and representation; and political economy. Enrollment Limit: 35 Lottery Preference(s): Sophomores, then juniors and seniors. 15 spaces reserved for first year students Attributes: B: Analysis of the Social World Latin American, Iberian, and Latinx Studies Social Science								
		2670	001	1.0	Anita Julie Isaacs	T Th	10:00AM	11:25AM		0
POLS	H151A	International Politics								
		This course offers an introduction to the study of international politics. It considers examples from history and addresses contemporary issues, while introducing and evaluating the political theories that have been used by scholars to explain those events. The principal goal of the course is to develop a general set of analytical approaches that can be used to gain insight into the nature of world politics - past, present and future. Enrollment Limit: 40								

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
					<i>Attributes: B: Analysis of the Social World International Studies Middle Eastern & Islamic Studies Peace, Justice and Human Rights Social Science</i>					
		1534	001	1.0	Barak Mendelsohn	T Th	11:30AM	12:55PM		0
POLS	H171A	Introduction to Political Theory								
		An introduction to central concepts of political life through exploring the questions and problems surrounding democratic freedom, power, authority and citizenship. Reading from ancient, modern, and contemporary sources, literary as well as philosophical, American as well as European, will be included. Enrollment Limit: 40								
					<i>Attributes: B: Analysis of the Social World Social Science</i>					
		1327	001	1.0	Shannan Hayes	T Th	1:00PM	2:25PM		0
POLS	H213A	Separation of Powers and Constitutional Law								
		The U.S. Constitution establishes a framework for government that preserves individual liberty. The Constitution protects liberty, in part, through a Bill of Rights that promises freedom from certain types of government intrusion. The Constitution also seeks to guarantee liberty through the structural framework it establishes. This course will examine one of those structural protections—the separation of powers among the legislative, executive, and judicial branches of the U.S. government. Lottery Preference: Political Science majors Enrollment Limit: 25.00								
					<i>Attributes: B: Analysis of the Social World Social Science</i>					
		2681	001	1.0	Jeffrey Lamken	M	1:30PM	3:55PM		0
POLS	H226A	Social Movement Theory								
		Theoretical analysis of origins and development of mass-based protest movements in the U.S. Scholarly explanations of recruitment of individuals, modes of organization and leadership, strategies and tactics, countermovements, and the impact of movements on policy and politics. Enrollment Limit: 35								
					<i>Attributes: B: Analysis of the Social World Social Science</i>					
		1536	001	1.0	Stephen J. McGovern	M W	10:00AM	11:25AM		0
POLS	H242A	Women in War and Peace								
		Analysis of the complex issues surrounding women as political actors and the ways in which citizenship relates to men and women differently. Selected cases from the United States, Africa, Latin America, and Asia are studied as we discuss gender, domestic politics, and international relations from a global perspective. Prerequisite(s): one course in POLS or instructor consent Enrollment Limit: 25								
					<i>Attributes: Africana Studies Gender and Sexuality Studies Peace, Justice and Human Rights Social Science</i>					
		2671	001	1.0	Susanna Wing	T Th	10:00AM	11:25AM		0
POLS	H262A	Grassroots Economies: Creating Livelihoods in an Age of Urban Inequality								
		The aim of the course would be to examine the political and economic constraints generated by poverty and racial and class segregation in contemporary urban environments and how grassroots economic initiatives rooted in mutual aid often fill the gaps and provide alternative ways to meet needs and generate supportive community. Examples of such initiatives range from guerrilla gardens and artist collectives to worker cooperatives and informal revolving loan funds. Many of these initiatives are informal. Some are legal, others less so. Many also fall under the radar of mainstream studies, which instead focus on capitalist markets, government welfare, and nonprofit philanthropy. Though many grassroots economic initiatives take place on a relatively small scale, they have a much larger footprint and impact when they are looked at together. The course will engage with them both theoretically and with numerous concrete examples and interactive experiences with practitioners. We will also examine various efforts in different cities to cultivate solidarity-based economic alternatives through public-private partnerships and grassroots coalitions. Case studies will be drawn from a variety of countries, though the focus will be on U.S. cities, with a particular emphasis on Philadelphia. This course will be taught in Philadelphia as part of the Tri-Co Philly Program. Prerequisites: Priority in registration will be given to students participating in the Tri-Co Philly Program (https://www.haverford.edu/philly-program) and Political Science majors. Remaining seats are available to other Tri-Co								

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crđ	Instructor(s)	Days	Start	End	Room	Enrld
					students, by lottery, if demand exceeds remaining spaces in the course. If you are interested in the program, you must fill out the application, which is due on Friday, April 5 by 11:59 pm. This program includes registering for two of three of the program's courses, which include this course or Food Cultures in Philadelphia (ENGL B287) or Philadelphia and the 2024 Election (SOCI 056C). Those not participating in the Philly program do not need to complete the application and can simply pre-register for the class. Enrollment Limit: 18 Lottery Preference(s): Tri-Co Philly Program students, Political Science majors Attributes: B: Analysis of the Social World Social Science					
			2672	001	1.0 Craig Borowiak	W	12:30PM	3:00PM	FRDCTR1	0
POLS	H313A	Armed Non-State Actors in International Politics								
		The principal goal of the course is to expose students to various types of armed nonstate actors and gain insights into their motives and activities. The course also introduces analytical lens through which scholars have sought to conceptualize the interplay between states and armed nonstate actors. Prerequisite(s): One course in political science or instructor consent Enrollment Limit: 15 Lottery Preference(s): Political science seniors, then political science juniors Attributes: B: Analysis of the Social World Social Science								
		2673	001	1.0	Barak Mendelsohn	Th	1:30PM	3:55PM		0
POLS	H315A	Research in American Politics								
		This course helps students prepare for a senior thesis in political science. Specifically, it assists students in choosing a topic, developing a literature review and hypothesis, and generating a research design to test their hypothesis. Prerequisite(s): Junior or senior standing or instructor consent Enrollment Limit: 15 Attributes: B: Analysis of the Social World Social Science								
		1063	001	1.0	Hannah Mariah Solomon-Strauss	W	1:30PM	3:55PM		0
POLS	H320A	Democracy in America								
		This seminar explores some of the most pressing challenges to American democracy today, including the intensification of ideological and partisan polarization, increasing economic inequality, and ongoing constraints faced by marginalized groups. The course is geared toward students preparing for a senior thesis in political science. Enrollment Limit: 15 Attributes: B: Analysis of the Social World Social Science								
		1064	001	1.0	Stephen J. McGovern	M	1:30PM	3:55PM		0
POLS	H330A	Topics in Comparative Politics								
		This is a workshop course built around student interests and senior thesis topics. We will explore issues including, but not limited to, ethnicity, religion, gender and the state. We will look at how states pursue both political and economic development and how they cope with violent conflict. Prerequisite(s): Three courses in POLS AND junior or senior status, or instructor consent Enrollment Limit: 15 Lottery Preference(s): Senior POLS majors, then junior POLS majors, then seniors, then juniors Attributes: B: Analysis of the Social World Latin American, Iberian, and Latinx Studies Social Science								
		1535	001	1.0	Susanna Wing	T	1:30PM	3:55PM		0
POLS	H331A	Research and Writing in Comparative Politics								
		This seminar on research and writing in comparative politics seeks to foster advanced reading, analysis, writing and workshoping skills among advanced political science majors Prerequisite(s): 5 courses in political science at the introductory and intermediate levels Enrollment Limit: 15 Lottery Preference(s): Political Science Seniors, then Political Science Juniors Attributes: B: Analysis of the Social World Social Science								
		1070	001	1.0	Anita Julie Isaacs	W	1:30PM	3:55PM		0

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
POLS	H366A				Advanced Research in Global Governance					
<p>Research seminar designed for students interested in working on long research papers or preparing for senior theses related to the global governance subfield or similar fields. The course will cover research methodologies, writing strategies, and discussions of contemporary global governance scholarship, which will be used to anchor the course thematically and to model different approaches to research. Students' independent research will be complemented with regular and intensive collaborative workshopping of one another's work in class.</p> <p>Prerequisite(s): Three courses in POLS AND junior or senior status, or instructor consent</p> <p>Enrollment Limit: 15</p> <p>Lottery Preference(s): Senior POLS majors, then junior POLS majors, then seniors, then juniors</p> <p>Attributes: B: Analysis of the Social World Social Science</p>										
	2674	001	1.0		Craig Borowiak	M	1:30PM	3:55PM		0
POLS	H375A				Contemporary Political Theory					
<p>This course examines the main contemporary theories of politics by focusing on a central topic of political philosophy: How to justify authority. We will explore how these political theories can be used to deal with contemporary problems as defined by particular interests of students in the course.</p> <p>Enrollment Limit: 15</p>										
	2698	001	1.0		Shannan Hayes	W	1:30PM	3:55PM		0
POLS	H460A				Teaching Assistant					
<p>Teaching assistant.</p> <p>Prerequisite(s): Instructor consent</p> <p>Attributes: Social Science</p>										
	1073	001	1.0		Anita Julie Isaacs					0
	1368	002	1.0							0
	1384	003	1.0							0
POLS	H480A				Independent Study					
<p>This course is conducted through individual consultation; supervised independent reading and research is expected; research papers and oral reports on special topics are based upon the individual interests of advanced students.</p> <p>Prerequisite(s): Instructor consent</p> <p>Enrollment Limit: 5</p>										
	1069	001	1.0							0
PSYC	H100A				Foundations of Psychology					
<p>An introduction to the study of mind and behavior. Topics include biological, cognitive, personality, abnormal, and social psychology, as well as a general consideration of the empirical approach to the study of behavior. This course is a prerequisite for most other 200 and 300 level psychology courses. However, in most cases, this prerequisite may be met with an AP Psychology score of 4 or 5 or IB Psychology credit.</p> <p>Prerequisite(s): Students with AP Psychology credit from high school (and a score of 4 or 5 on the AP exam) have the option to waive the Foundations course and enroll in upper-level courses; this should be done only after consultation with a faculty member in the Psychology Department. Students are welcome to take PSYCH 100 even if they have AP Psychology credit from high school (and a score of 4 or 5 on the AP exam).</p> <p>Enrollment Limit: 35</p> <p>Lottery Preference(s): 25 spaces reserved for incoming freshmen. Then priority as follows: freshmen, sophomores, juniors, seniors</p> <p>Attributes: B: Analysis of the Social World Social Science</p>										
	1077	001	1.0		Marilyn Boltz	T Th	8:30AM	9:55AM		0
	1078	002	1.0		Peiyao Chen	M W	10:00AM	11:25AM		0
	1667	003	1.0		Peiyao Chen	M W	1:00PM	2:25PM		0
PSYC	H200A				Research Methods and Statistics					
<p>A general overview of the research methods used in psychological science along with training in the statistical methods used in the field. Activities focus on designing research studies, collecting data, data analysis, and presenting results through written assignments.</p>										

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
Prerequisite(s): PSYC 100 or PSYC B105 or Psychology AP Score of 4 or instructor consent Enrollment Limit: 35 Lottery preference(s): (1) Psychology majors, (2) Neuroscience majors, sophomores, (3) seniors, (4) juniors, (5) first-year students Attributes: B: Analysis of the Social World Quantitative Social Science										
		1080	001	1.0	Laura E. Been	T Th	10:00AM	11:25AM		0
		1424	00A	.0	Mikayla Rose Carson	T	11:30AM	12:55PM		0
		1425	00B	.0	Mikayla Rose Carson	T	2:30PM	3:55PM		0
PSYC	H210A	Developmental Psychology								
An examination of human development, surveying the physical, cognitive, social and emotional changes individuals undergo from conception onward. Theoretical and empirical approaches to the growing person will be explored through lectures, readings in the primary research literature, and class discussions. This course is mutually exclusive with PSYCB211 and PSYCB206, meaning students who are interested in this course can take this one, or one of the two alternatives at Bryn Mawr, but not both. Prerequisite(s): PSYC H100 or PSYC B105 or Psychology AP Score 4+ or consent. Enrollment Limit: 35 Lottery Preference(s): Majors and minors by class (seniors then juniors) Attributes: B: Analysis of the Social World Social Science										
		1589	001	1.0	Ryan Lei	T Th	10:00AM	11:25AM		0
PSYC	H215A	Personality Psychology								
An examination of the fundamental issues and questions addressed by personality psychology, including: What is personality? What are its underlying processes and mechanisms? How does personality develop and change over time? What constitutes a healthy personality? This course will explore these questions by considering evidence from several major approaches to personality (trait, psychodynamic, humanistic, and social-cognitive), and it will encourage students to develop a dynamic understanding of human personality that is situated within biological, social, and cultural contexts. Prerequisite(s): PSYC 100 or PSYC B105 or Psychology AP Score 4 or instructor consent Enrollment Limit: 35 Lottery Preference(s): Psychology senior majors/minors, Psychology junior majors/minors, then non-majors by class (seniors first, etc.) Attributes: B: Analysis of the Social World Child and Family Studies Social Science										
		1086	001	1.0	Jennifer L Lilgendahl	T Th	11:30AM	12:55PM		0
PSYC	H217A	Behavioral Neuroscience								
Interrelations between brain, behavior, and subjective experience. The course introduces students to physiological psychology through consideration of current knowledge about the mechanisms of mind and behavior. Crosslisted: Psychology, Biology Prerequisite(s): Any one of the following or instructor consent: PSYC 100, PSYC B105, BIOL H123, BIOL H124, BIOL H128, BIOL H129, NEUR H100, Psychology AP Score 4 Enrollment Limit: 35 Lottery Preference(s): 1) Psych majors, neuroscience majors, and neuroscience minors, 2) sophomores, 3) other juniors and seniors Attributes: B: Analysis of the Social World C: Physical and Natural Processes Natural Science Neuroscience										
		1663	001	1.0	TBA Department staff					0
PSYC	H236A	Introduction to Behavioral Economics								
This course explores how observations of human psychology has influenced our understanding of economic thinking and decision-making. Students will reinforce and expand their understanding of classical economic models, and learn to work with new models incorporating insights from the field of psychology. Course assignments include problem sets, as well as work with real world data sets and academic writing. Crosslisted: PSYC. Pre-requisite(s): Economics 104 or 105, or equivalent Enrollment Limit: 25										

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
<i>Attributes: B: Analysis of the Social World Social Science</i>										
	1561	001	1.0	David M. Owens		T Th	10:00AM	11:25AM		0
PSYC	H260A	Cognitive Neuroscience								
An examination of the neural basis of higher mental functions such as object recognition, attention, memory, spatial functions, language, and decision-making. Major themes include mind/brain relationships, localization of function, and the plasticity of the brain.										
Prerequisite(s): PSYC 100 or PSYC B105 or NEUR 100 or Psychology AP Score of 4 or instructor consent										
Enrollment Limit: 35										
Lottery Preference(s): priority to senior psychology or neuroscience majors, followed by junior psychology or neuroscience majors, followed by psychology or neuroscience minors.										
<i>Attributes: C: Physical and Natural Processes Natural Science Neuroscience</i>										
	2581	001	1.0	Rebecca Compton		T Th	8:30AM	9:55AM		0
PSYC	H303A	Psychology of Music								
What functions does music serve and how does it influence behavior? This course examines the evolutionary and biological bases of music as well as its effects upon cognition, social behavior, and our sense of self and identity.										
Prerequisite(s): PSYC 100, PSYC 200, and at least one additional 200-level course in psychology.										
Enrollment Limit: 12										
Priority will be given to psychology majors at both Haverford and Bryn Mawr Colleges, followed by all psychology minors.										
<i>Attributes: B: Analysis of the Social World C: Physical and Natural Processes Social Science</i>										
	2583	001	1.0	Marilyn Boltz		M W	10:00AM	11:25AM		0
PSYC	H315F	Laboratory in Personality Psychology								
An overview of methods used to conduct research on personality. Through lab activities and class projects, students will learn about important methodological topics within the study of personality, including measurement, reliability and validity, different modes of data collection (self-report questionnaires, interviews and narratives, observational and experimental approaches), and how to analyze and interpret personality data.										
Prerequisite(s): Past or concurrent enrollment in PSYC 215 is required. Prior completion of PSYC 200 or PSYC B205 is recommended; however, concurrent enrollment in PSYC 200 or PSYC B205 may be permissible with instructor consent										
Enrollment Limit: 16										
Lottery Preference(s): PSYC senior majors first, then junior majors next, then minors in that order; then by Class, i.e. seniors first, etc.										
<i>Attributes: B: Analysis of the Social World Social Science</i>										
	1087	001	.5	Jennifer L Lilgendahl		W	11:30AM	12:55PM		0
PSYC	H328A	Neurobiology of Sexual Behavior								
An examination of the neurobiology underlying sexual behavior. This seminar will focus on systems-level understanding of the neural regulation of both pre-copulatory and copulatory behavior, drawing from primary literature in invertebrate, rodent, and human model systems.										
Prerequisite(s): PSYC 100 and PSYC 217, or instructor consent										
Enrollment Limit: 12										
Lottery Preference(s): priority to senior psychology or neuroscience majors, followed by junior psychology or neuroscience majors, followed by psychology or neuroscience minors.										
<i>Attributes: C: Physical and Natural Processes Gender and Sexuality Studies Natural Science Neuroscience</i>										
	1590	001	1.0	Laura E. Been		T Th	1:00PM	2:25PM		0
PSYC	H339A	Asian American Psychology								
This seminar course addresses major theories and findings in Asian American Psychology, with a focus on immigration and acculturation, ethnic identity, stereotyping and discrimination, families and development, and mental health.										
Prerequisite(s): One 200 level PSYC course or permission from instructor										
Enrollment Limit: 15										
Lottery Preference(s): Senior PSYC majors, Senior ASAM minors, Senior Psych minors, Junior PSYC majors, Junior ASAM minors, Junior Psych minors, then class year (seniors, juniors, etc).										
<i>Attributes: Asian American Studies B: Analysis of the Social World Social Science</i>										

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crđ	Instructor(s)	Days	Start	End	Room	Enrld
		1591	001	1.0	Shu-wen Wong	M W	11:30AM	12:55PM		0
PSYC	H343A	The Psychology of Stereotyping and Prejudice								
<p>This course focuses on the scientific research of stereotyping, prejudice, and discrimination to begin examining and explaining the underlying processes of why group-based divides persist. Prerequisite(s): PSYC H210, H213, or H242; or PSYC B208, B224, or B211 Enrollment Limit: 12 Lottery Preference(s): 1) senior psychology majors and minors, 2) junior psychology majors and minors, 3) all other students, by year (seniors, etc.) Attributes: B: <i>Analysis of the Social World</i> Social Science</p>										
		2584	001	1.0	Ryan Lei	T Th	1:00PM	2:25PM		0
PSYC	H360A	Laboratory in Cognitive Neuroscience								
<p>An examination of methodologies used to study the neural basis of higher mental functions. Students will utilize both cognitive and electrophysiological (EEG, ERP) recording methods, and will examine methodological issues in hemodynamic neuroimaging and the study of patient populations. Prerequisite(s): Stats/Methods (PSYC H200 or B205), or instructor consent. The PSYC H260 lecture is not required for this lab Enrollment Limit: 16 Lottery Preference(s): priority to senior psychology or neuroscience majors, followed by junior psychology or neuroscience majors, followed by psychology or neuroscience minors. Attributes: C: <i>Physical and Natural Processes</i> Natural Science Neuroscience</p>										
		2582	001	1.0	Rebecca Compton	M W	2:30PM	3:55PM		0
PSYC	H361A	Communication Disorders Seminar								
<p>What are communication disorders? What are the characteristics of these disorders? What can different communication disorders tell us about normal speech and language processing? In this course, students will learn about common disorders that affect communication throughout the lifespan, including developmental, acquired, and neurogenic communication disorders in the speech, language, and hearing domains. We will draw on empirical studies and theoretical reviews to examine potential causes and underlying mechanisms of different disorders. Pre-requisite(s): PSYC100 Foundations of Psychology, PSYC200 Research Methods and Statistics, and one additional 200-level Psychology or any 100-level Linguistics course Lottery Preference: Senior psychology majors, Junior psychology majors, Senior psychology minors, Junior psychology minors, Linguistics majors and minors, all others by class year. Enrollment Limit: 12.00 Attributes: B: <i>Analysis of the Social World</i> Social Science</p>										
		1693	001	1.0	Peiyao Chen	F	11:00AM	1:25PM		0
PSYC	H390A	Senior Thesis								
<p>Open to senior psychology majors doing a one semester thesis in current semester. Enrollment Limit: 10 Attributes: Social Science</p>										
		1079	001	1.0	Shu-wen Wong	F	1:30PM	3:55PM		0
PSYC	H392A	Senior Research Tutorial in Personality								
<p>This senior research tutorial examines personality processes and identity development in emerging and middle adulthood, with an emphasis on the role of narrative meaning-making for understanding life trajectories and outcomes. Open to senior psychology majors. Enrollment Limit: 10 Attributes: Social Science</p>										
		1083	001	1.0	Jennifer L Lilgendahl	F	1:30PM	3:55PM		0
PSYC	H394A	Senior Research Tutorial in Behavioral Neuroscience								
<p>This senior thesis tutorial examines the bidirectional relationship between the brain and behavior, emphasizing how hormones influence this relationship. Using a rodent model and cutting-edge neuroscience methodologies, students will design and conduct independent empirical projects in behavioral neuroendocrinology. Open to senior psychology majors.</p>										

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
Enrollment Limit: 10										
<i>Attributes: Natural Science Neuroscience</i>										
	1075	001	1.0		Laura E. Been	F	1:30PM	3:55PM		0
	1592	002	1.0		Patrese Robinson-Drummer	F	1:30PM	3:55PM		0
PSYC	H395A	Senior Research Tutorial in Cognitive Neuroscience								
This senior thesis tutorial involves designing and implementing projects using EEG methods to study aspects of human cognition. Specific topics vary, but often involve executive functions, attention, or emotion regulation. Open to senior psychology majors.										
Enrollment Limit: 10										
<i>Attributes: Neuroscience Social Science</i>										
	1076	001	1.0		Rebecca Compton	F	1:30PM	3:55PM		0
PSYC	H397A	Senior Research Tutorial in Developmental Psychology								
Open to Senior Psychology Majors										
<i>Attributes: Social Science</i>										
	1497	001	1.0		Patrese Robinson-Drummer	F	1:30PM	3:55PM		0
PSYC	H398A	Senior Research Tutorial in Cultural Psychology								
This senior thesis tutorial examines the influence of culture, ethnicity, and race on psychological processes. Topics on social behavior and support, emotion processes, and health and well-being are emphasized. Open to senior psychology majors.										
Enrollment Limit: 10										
<i>Attributes: Social Science</i>										
	1085	001	1.0		Shu-wen Wong	F	1:30PM	3:55PM		0
PSYC	H480A	Independent Study								
This course involves independent research under the supervision of a faculty member and requires faculty invitation and approval.										
Enrollment Limit: 10										
	1405	001	1.0							0
PSYC	H480F	Independent Study								
This course involves independent research under the supervision of a faculty member and requires faculty invitation and approval.										
Enrollment Limit: 10										
	1389	001	.5							0
	1393	002	.5							0
	1800	003	.5							0
RELG	H101A	Introduction to the Study of Religion								
An introduction to the study of religion from multiple perspectives: overviews of several religions with classroom discussion of primary sources; cross-cultural features common to many religions; theories of religion and approaches to its study and interpretation.										
Enrollment Limit: 50										
<i>Attributes: A: Meaning, Interpretation (Texts) Humanities</i>										
	1429	001	1.0		Molly Farneth	M W	11:30AM	12:55PM		0
RELG	H131A	The Lure of Images: Religion and Visual Media								
This course examines representations from figural forms to abstractions, found objects and beautiful writing to understand the power of sacred imagery. We will examine formats from medieval manuscripts and painted walls to films, panoramas and comic books to observe the dynamics that emerge among viewers and images in spatial contexts ranging from altar pieces, sculpture, stained glass and painting in neo-Gothic churches, calligraphy in mosque and shrine interiors, deity icons in Hindu temples and potent fabrics in Buddhist monastic complexes.										
Crosslisted: VIST.										

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
Enrollment Limit: 35.00										
<i>Attributes: A: Meaning, Interpretation (Texts) Humanities Visual Studies</i>										
	1626	001	1.0	Pika Ghosh		T Th	11:30AM	12:55PM		0
RELG	H137A	Black Religion and Liberation Theology								
An introduction to the theological & philosophical claims raised in Black Religion & Liberation Thought in 20th C America. In particular, the course will examine the multiple meanings of liberation within black religion, the place of religion in African American struggles against racism, sexism and class exploitation and the role of religion in shaping the moral and political imaginations of African Americans.										
<i>Attributes: A: Meaning, Interpretation (Texts) Africana Studies Humanities</i>										
	1871	001	1.0	Terrance Wiley		T Th	2:30PM	3:55PM		0
RELG	H202A	The End of the World as We Know it								
Why are people always predicting the coming endtime? This course will explore the genre of apocalypse, looking for common themes that characterize this form of literature. Our primary source readings will be drawn from the Bible and non-canonical documents from the early Jewish and Christian traditions. We will use an analytical perspective to explore the social functions of apocalyptic, and ask why this form has been so persistent and influential.										
Enrollment Limit: 25										
<i>Attributes: Humanities Middle Eastern & Islamic Studies</i>										
	1872	001	1.0	Naomi Koltun-Fromm		T Th	1:00PM	2:25PM		0
RELG	H209A	Classical Mythology								
An introduction to the primary characters and stories of Greek and Roman mythology including cosmic creation, Olympian and other deities, and heroes both as they appear in Greek and Roman literature and art and as they are later represented in modern art, music, and film.										
Crosslisted: Classical Studies, Comparative Literature, Religion										
<i>Attributes: A: Meaning, Interpretation (Texts) Gender and Sexuality Studies Visual Studies</i>										
	2622	001	1.0	Matthew Cullen Farmer		T Th	1:00PM	2:25PM		0
	2623	002	1.0	Matthew Cullen Farmer		T Th	2:30PM	3:55PM		0
RELG	H215A	The Letters of Paul								
Close reading of the 13 letters attributed to the apostle Paul and critical examination of the place of Paul in the development of early Christianity.										
Enrollment Limit: 25										
	1873	001	1.0	Anne Marie McGuire		M W	10:00AM	11:25AM		0
RELG	H221A	Women and Gender in Early Christianity								
An examination of the representations of women and gender in early Christian texts and their significance for contemporary Christianity. Topics include interpretations of Genesis 1-3, images of women and sexuality in early Christian literature, and the roles of women in various Christian communities.										
Enrollment Limit: 20										
<i>Attributes: A: Meaning, Interpretation (Texts) Gender and Sexuality Studies Humanities</i>										
	1577	001	1.0	Anne Marie McGuire		T Th	10:00AM	11:25AM		0
RELG	H268A	Anarchism: Religion, Ethics, Political Obligation								
Anarchism emerged in the nineteenth century as an important transnational sociopolitical philosophy and religious movement. Course participants will analyze anarchism as a political philosophy and as a social movement, from the nineteenth century labor movement to the ongoing global justice movement.										
Enrollment Limit: 25										
Lottery Preference(s): Religion Majors, Peace concentrators										
<i>Attributes: A: Meaning, Interpretation (Texts) Humanities Peace, Justice and Human Rights</i>										
	1874	001	1.0	Terrance Wiley		M	7:30PM	9:55PM		0
RELG	H299A	Theoretical Perspectives in the Study of Religion								
An introduction to theories of the nature and function of religion from theological, philosophical, psychological, anthropological, and sociological perspectives. Readings may include: Schleiermacher, Marx, Nietzsche, Freud, Tylor, Durkheim, Weber, James, Otto, Benjamin, Eliade, Geertz, Foucault, Douglas, Smith, Berger, Haraway.										

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
Enrollment Limit: 15 Lottery Preference(s): Senior majors/minors, then Junior majors/minors Attributes: A: <i>Meaning, Interpretation (Texts)</i> Humanities										
	1230	001	1.0		Guangtian Ha	M W	11:30AM	12:55PM		0
RELG	H316A	Hegel's Social Ethics								
An examination of religion, ethics, and politics in Hegel's Phenomenology of Spirit (in translation). As we work through Hegel's monumental text, we will consider its influence over modern and contemporary discussions of gender, domination, ethical conflict and religious pluralism. Prerequisite(s): At least one 200-level course in philosophy, political theory, or religious thought, or permission of the instructor. Enrollment Limit: 15 Lottery Preference(s): Majors and minors Attributes: A: <i>Meaning, Interpretation (Texts)</i> Humanities										
	2637	001	1.0		Molly Farneth	T	1:30PM	3:55PM		0
RELG	H321A	Blackness in Islam: Race, Slavery and Gender in Early Muslim Culture								
This course uses medieval Arabic prose and poetry - most of them with English translations - as well as contemporary academic literature to introduce students to the intricate and embattled histories of Blackness in classical Islam. While our understanding of B/blackness in the Euro-American context is heavily determined by the constraining experience of the trans-Atlantic slave trade, notions of B/blackness and ideas of anti-racism also exhibit a wider and richer genealogy if we shift our attention to the wider Indian Ocean world that encompasses Africa, Arabia, Persia, and Asia. Pre-requisite(s): One course in Religion, Anthropology, Arabic or Middle Eastern Studies, or permission of the instructor Enrollment Limit: none Attributes: A: <i>Meaning, Interpretation (Texts)</i> B: <i>Analysis of the Social World</i> Humanities										
	1876	001	1.0		Guangtian Ha	Th	1:30PM	3:55PM		0
RELG	H398A	Senior Thesis Seminar Part 1								
A practical methodology course which prepares senior Religion majors to write their senior theses. Enrollment Limit: 25 Lottery Preference(s): Open to Senior Religion majors only Attributes: A: <i>Meaning, Interpretation (Texts)</i> B: <i>Analysis of the Social World</i> Humanities										
	1227	001	1.0		Naomi Koltun-Fromm	W	1:30PM	3:55PM		0
RELG	H460A	Teaching Assistant								
Teaching Assistant Enrollment Limit: 5										
	1375	001	1.0							0
RELG	H480A	Independent Study								
Independent Study Enrollment Limit: 5										
	1228	001	1.0							0
	1229	002	1.0							0
RUSS	H356A	Topics European History								
Attributes: A: <i>Meaning, Interpretation (Texts)</i> B: <i>Analysis of the Social World</i> Social Science										
	1645	001	1.0		Linda Gerstein	M	1:30PM	3:55PM		0
SOCL	H155A	Foundations in Social Theory								
This seminar provides an introduction to sociology, to the doing of sociology, through an examination of selected major works in the discipline. We use these works as exemplifications of how we might do social theory, not as texts to be criticized. The two semesters of this course are autonomous; either semester in the sequence may be taken alone, and either semester may be taken first. Together, the two mesh into a systematically-constructed whole, leading to a more coherent perspective on the accomplishments and future tasks of sociology than either provides alone. There is some variation between different sections of the course. Enrollment Limit: 22										

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
Lottery Preference(s): Sociology Majors, Sociology Minors, First years, Sophomores, Juniors, Seniors. Attributes: B: Analysis of the Social World Social Science										
	1124	001	1.0	Mark Gould		T Th	1:00PM	2:25PM		0
	1125	002	1.0	Elise Herrala		T Th	10:00AM	11:25AM		0
SOCL	H165A	Social Inequality								
Why do some people have more of the things that matter? This course explores the structuring of inequality in industrial societies. We will discuss the ways in which sociological research has demonstrated the importance of social institutions in causing inequality. In particular, the course will look at how categorical inequality is generated and maintained. Lottery Preference: Reserve 15 seats for first year students. First-year students have preference in lottery. Enrollment Limit: 30.00 Attributes: B: Analysis of the Social World Social Science										
	2682	001	1.0	Matthew McKeever		M W	10:00AM	11:25AM		0
SOCL	H233A	Topics in Sociology								
This course explores key contemporary research in particular fields within the discipline. The focus of the course changes across semesters and faculty who design it. Attributes: B: Analysis of the Social World Social Science										
	2432	001	1.0	Mark Gould		T Th	11:30AM	12:55PM		0
	2433	002	1.0	Elise Herrala		T	1:30PM	3:55PM		0
SOCL	H270A	Measuring Education								
This course explores contemporary political movements to measure learning outcomes in educational institutions. It covers such topics as NCLB legislation, standardized testing for college admissions, assessment of college education, and development of online learning tools. Crosslisted: Sociology, Education Enrollment Limit: 25 Lottery Preferences: Haverford Sociology majors, Haverford Sociology minors, Education Studies majors, Education Studies minors. Attributes: B: Analysis of the Social World Social Science										
	1516	001	1.0	Matthew McKeever		M	1:30PM	3:55PM		0
SOCL	H450A	Senior Departmental Studies								
Thesis work, two semesters required of majors in their senior year. Attributes: Social Science										
	1127	001	1.0	Mark Gould						0
	1128	002	1.0	Matthew McKeever						0
	1130	003	1.0	Elise Herrala						0
SOCL	H460A	Teaching Assistant								
Students may act as assistants in certain courses that they themselves have already completed. Responsibilities may include the opportunity to lead discussions, informal teaching assistance, a short list of advanced reading and a paper on an agreed topic. Attributes: Social Science										
	1126	001	1.0	Mark Gould						0
SOCL	H480A	Independent Study								
Research papers and reading courses on special topics related to the individual interests of advanced students. Prerequisite(s): The instructor's approval of a research or reading proposal										
	1129	001	1.0							0
SPAN	H001A	Elementary Spanish								
This course is the first part of the introduction to the Spanish language. We study grammar and vocabulary in order to learn about the culture of the Spanish-speaking world and to communicate effectively. The focus is on engaging in conveying meaning. The course meets for five hours (5) a week: three hours (3) with the instructor, one (1) hour with a TA, and (1)										

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
<p>mandatory study group hour. This is a two-semester course. Both semesters need to be taken consecutively to receive credit. Students who take the first semester at HC have priority of enrollment in the second semester. Reserved for students with no previous to very little experience in Spanish. Enrollment Limit: 18 Attributes: A: Meaning, Interpretation (Texts) Humanities</p>										
		1316	001	1.0	Catherine Schroeder	M W F	9:30AM	10:25AM		0
		1317	002	1.0	Catherine Schroeder	M W F	10:30AM	11:25AM		0
		1318	003	1.0	Ariana Huberman	M W F	11:30AM	12:25PM		0
SPAN	H100A	Basic Intermediate Spanish								
<p>This is a course for students who have achieved a basic knowledge of Spanish. Students will improve their conversational and writing skills while learning about contemporary issues of Spanish-speaking countries. The course meets for five hours a week: three (3) hours with the instructor, (1) hour with a TA, and (1) mandatory study group hour. Prerequisite(s): Placement score or instructor consent. Enrollment Limit: 18 Attributes: A: Meaning, Interpretation (Texts) Humanities</p>										
		1319	001	1.0	Aurelia Gómez De Unamuno	T Th	10:00AM	11:25AM		0
		1320	002	1.0	Aurelia Gómez De Unamuno	T Th	11:30AM	12:55PM		0
		1597	003	1.0	Gloria Lopez-Pesini	M W	1:00PM	2:25PM		0
SPAN	H101A	Intermediate Spanish								
<p>The main goals of this course are to strengthen and expand writing and conversational skills, with a focus on key social, cultural, and historical issues of the Spanish-speaking world. Vocabulary and grammar are taught within the context of the specific themes chosen to enhance students' familiarity with Hispanic societies and cultures. The course meets for five hours a week: three (3) hours with the instructor, (1) hour with a TA, and (1) mandatory study group hour. Prerequisite(s): SPAN 100, Placement score, or instructor consent. Enrollment Limit: 18 Attributes: A: Meaning, Interpretation (Texts) Humanities</p>										
		1321	001	1.0	Roxanna Colón-Cosme	M W	10:00AM	11:25AM		0
		1322	002	1.0	Lina Maria Martinez Hernandez	T Th	11:30AM	12:55PM		0
		1324	003	1.0	Luis Rodriguez-Rincon	T Th	2:30PM	3:55PM		0
SPAN	H102A	Advanced Intermediate Spanish								
<p>This course aims to refine the student's ability to exercise critical analysis and to communicate effectively in Spanish (orally and in writing) by learning about a variety of cultural themes and literary genres and to prepare to take courses at the 200 level. The course meets for five hours a week: three (3) hours with the instructor, (1) hour with a TA, and (1) mandatory study group hour. Prerequisite(s): SPAN 101, Placement score, or instructor consent. Enrollment Limit: 18 Attributes: A: Meaning, Interpretation (Texts) Humanities</p>										
		1314	001	1.0	Roberto Castillo Sandoval	T Th	10:00AM	11:25AM		0
		1315	002	1.0	Roberto Castillo Sandoval	T Th	11:30AM	12:55PM		0
SPAN	H201A	Exploring Critical Issues Through Writing								
<p>The course aims to provide students with the skills necessary to successfully undertake writing assignments in the upper-division Spanish courses. Students will be engaged in discussions of, and write about topics such as identity, borders and migrations, and manifestations of violence. This course is conducted in Spanish. Prerequisite(s): SPAN 102, placement, or instructor consent</p>										

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
Enrollment Limit: 15 Lottery Preference(s): 8 spaces reserve for first year students Attributes: A: <i>Meaning, Interpretation (Texts)</i> B: <i>Analysis of the Social World</i> Humanities Latin American, Iberian, and Latinx Studies										
	1598	001	1.0	Ana López-Sánchez		T Th	2:30PM	3:55PM		0
SPAN	H219B	Contemporary Latin American Short Fiction								
This course focuses on recent (1990 to the present) Latin American short fiction, highlighting themes such as gender, violence, resistance, memory, politics and social transformation. The course will also explore the development of short narrative forms in Latin America, including the legacy of genre figures such as Quiroga, Borges, Cortázar, Peri Rossi, Monterroso, and García Márquez. Participants will gain a comprehensive understanding of the genre by creating their own short stories in a workshop setting. Pre-requisite(s): Placement at the -200 level or permission of the instructor Lottery Preference: Majors, minors, seniors, LAILS concentrators Enrollment Limit: 12.00 Attributes: A: <i>Creative Expression</i> Humanities										
	2684	001	1.0	Roberto Castillo Sandoval		F	11:00AM	1:25PM		0
SPAN	H226B	Learning Together: Introduction to Community Engaged Learning								
In this class students will have the opportunity to explore different aspects, issues, challenges, and initiatives involved in co-creating social justice projects with communities (local and international). The class will be taught by Professor Martínez Hernández and Community Co-Instructor Marguerite Kise and it will explore different themes, including: what is Ethical Engagement; the basis for Mutuality and Co-Creation; How to build relationships of trust and leadership; and the importance of building multilingual spaces in social justice/migrant justice work, among others. Throughout the semester, we will invite different community educators and leaders, as well as visit different organizations and communities in Philadelphia. The class will be taught in Spanish and English. Pre-requisite(s): Fulfilled Language Requirement with Spanish, or instructor consent. Enrollment Limit: 15.00 Attributes: A: <i>Meaning, Interpretation (Texts)</i> B: <i>Analysis of the Social World</i> Humanities										
	2691	001	1.0	Lina Maria Martinez Hernandez		T	7:30PM	9:55PM		0
SPAN	H250A	Quixotic Narratives								
This course proposes a bilingual reading of Miguel de Cervantes' famous novel, <i>El ingenioso hidalgo don Quijote de la Mancha</i> . The adventures of Don Quijote and Sancho Panza force readers to probe the fraught and circular relationship between life and art. How do we know when something is true? What happens when fictions, dreams, or outright lies become confused with the truth? What role does art play in catalyzing this desire to transform the world? Course readings and discussion will be largely in Spanish with the option of reading the novel in translation and participating in course discussion in either Spanish, English or Spanglish. Please be advised: Students who wish to receive credit towards a SPAN major or minor must complete course readings and assignments in Spanish. This course fulfills the "pre 1898" requirement. Crosslisted: Spanish, Comparative Literature. Enrollment Limit: 25 Attributes: A: <i>Meaning, Interpretation (Texts)</i> Humanities Latin American, Iberian, and Latinx Studies										
	2261	001	1.0	Luis Rodriguez-Rincon		M W	1:00PM	2:25PM		0
SPAN	H338A	"I Need a Hero": Chivalric Sagas in Late Medieval Iberian Literatures and Cultures								
This course explores the rich tradition of chivalric literature in late medieval Iberia. Students will evaluate the sociocultural and literary significance of chivalric literature in Iberia through a wide range of texts, including <i>chanson de geste</i> , ballads, chivalric romance, and legends from the 13th-16th century. The course evaluates themes cardinal to the chivalric genre, such as courtly love, honor, knightly conduct, revenge, adventures, warfare, fantastic geographies, world creation, and the origins of the novel. Pre-requisite(s): 200-level, placement exam at the 300 level, or instructor consent										

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
Lottery Preference: None Enrollment Limit: 15.00 <i>Attributes: A: Meaning, Interpretation (Texts) Humanities Latin American, Iberian, and Latinx Studies</i> 2683 001 1.0 Roxanna Colón-Cosme M W 11:30AM 12:55PM 0										
SPAN	H360A	Learning-Teaching a Foreign Language								
This course is designed for the advanced student of Spanish, who is interested in the processes involved in learning a foreign language, and/or contemplating teaching it. This course is conducted in Spanish. Crosslisted: Spanish, Education Prerequisite(s): One 200-level course, or instructor consent 2262 001 1.0 Ana López-Sánchez T Th 11:30AM 12:55PM 0										
SPAN	H490A	Senior Departmental Studies								
The course will consist of two one-semester parts. The first, taken in the fall semester, will have the format of a seminar under the supervision of one Spanish department faculty member. Students will also consult with other professors in the department (potential thesis directors). The purpose of this seminar is to prepare students for the research and writing their senior theses by 1) enhancing and refining the reading tools and critical approaches to Spanish and Latin American texts; 2) elucidating and contextualizing relevant aspects of literary history, theory, and culture 3) determining the thesis topic, key secondary sources and approach to be deployed in writing the thesis, and 4) polishing the skills and methods for successful research and proper use of available resources. Problems in literary and cultural analysis-selected with a view to their pertinence in relation to the group's interests-will be discussed through close readings of selected works of criticism or theory. The second semester will involve the process of writing the thesis under the supervision of individual professors. <i>Attributes: A: Meaning, Interpretation (Texts) B: Analysis of the Social World Humanities</i> 1323 001 1.0 Ariana Huberman 0										
STAT	H203A	Statistical Methods and their Applications								
An introduction to statistical methods used to analyze data in the natural and social sciences. It covers descriptive statistics, the binomial and normal distributions, expected value and variance, confidence intervals and hypothesis testing, comparison of two samples, regression, and analysis of variance. A required computer lab, using R, is taught alongside this course. Crosslisted: Mathematics, Statistics Prerequisite(s): MATH 118 or higher, placement into MATH 121 or higher, or instructor consent. Students who have taken another introductory statistics course at Haverford or Bryn Mawr may only enroll in STAT 203 with instructor consent Enrollment Limit: 20 <i>Attributes: C: Physical and Natural Processes Health Studies Natural Science Quantitative</i> 1358 001 1.0 Lynne M. Butler M W 2:30PM 3:55PM 0 1359 00A .0 Lynne M. Butler F 2:30PM 3:55PM 0										
STAT	H361A	Applied Multivariate Statistical Analysis								
An introduction to multivariate statistical analysis. The course includes methods for choosing, fitting, and evaluating multiple regression models and analysis of variance models. A required computer lab, using R, is taught alongside this course. Crosslisted: Mathematics, Statistics Prerequisite(s): MATH 215 and one of the following: ECON 204, MATH 203, PSYC 200, SOCL 215 Enrollment Limit: 15 Lottery Preference(s): Math majors with statistics focus, then statistics minors, then by seniority <i>Attributes: C: Physical and Natural Processes Natural Science Quantitative</i> 2652 001 1.0 Weiwen Miao M W 2:30PM 3:55PM 0 2653 00A .0 Weiwen Miao F 2:30PM 3:55PM 0										
VIST	H110A	Foundations in Film Production								
The fundamentals of digital film production. Students will learn the grammar of key film genres and basic filmmaking craft, including cameras, lighting, sound techniques, and nonlinear editing, creating four short films in the genres of animation, experimental, documentary, and fiction.										

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
Enrollment Limit: 8 Lottery Preference(s): Visual Studies minors, then First Years, then Sophomores. Attributes: A: Creative Expression Humanities Visual Studies 2137 001 1.0 John Hancock Muse M W 10:00AM 11:25AM 0										
VIST	H113A				black visual culture: an inadequate survey of the late 19th to 20th centuries					
This course seeks to ask the question: How do we see blackness? How have we learned to see the thing we're always surrounded by and have so many questions of? How do we know blackness through the visual and/as the racial? What if blackness uses the racial-visual to be known but refuses to be seen and represented so easily? What do we do then? Lottery Preference: 5 slots for first year students; preferences for VIST Minors Enrollment Limit: 25.00 Attributes: A: Meaning, Interpretation (Texts) Africana Studies Humanities Visual Studies 1729 001 1.0 troizel xx Carr T 1:30PM 3:55PM 0										
VIST	H131A				The Lure of Images: Religion and Visual Media					
This course examines representations from figural forms to abstractions, found objects and beautiful writing to understand the power of sacred imagery. We will examine formats from medieval manuscripts and painted walls to films, panoramas and comic books to observe the dynamics that emerge among viewers and images in spatial contexts ranging from altar pieces, sculpture, stained glass and painting in neo-Gothic churches, calligraphy in mosque and shrine interiors, deity icons in Hindu temples and potent fabrics in Buddhist monastic complexes. Crosslisted: VIST. Enrollment Limit: 35.00 Attributes: A: Meaning, Interpretation (Texts) Humanities Visual Studies 1627 001 1.0 Pika Ghosh T Th 11:30AM 12:55PM 0										
VIST	H142A				Introduction to Visual Studies					
An introduction to the trans-disciplinary field of Visual Studies, its methods of analysis and topical concerns. Traditional media and artifacts of art history and film theory, and also an examination of the ubiquity of images of all kinds, their systems of transmission, their points of consumption, and the very limits of visuality itself. Crosslisted: Visual Studies, Fine Arts, Comparative Literature Enrollment Limit: 25 Lottery Preference(s): 1.) Senior Visual Studies minors 2.) Other declared Visual Studies minors 5 spaces reserved for incoming first years Attributes: A: Meaning, Interpretation (Texts) Humanities Visual Studies 1364 001 1.0 Emily Teera-Hong T Th 10:00AM 11:25AM 0										
VIST	H145E				Some Assembly Required: Designing Objects of Play					
Emphasizing digital design and remote digital fabrication, this course invites students to think critically about objects of play. What materials are used in toy design? What are the environmental implications of mass production? How can thinking about communities of play help us imagine solutions to problems of isolation? Crosslisted: Independent College Programs, Visual Studies Enrollment Limit: 8 Attributes: A: Creative Expression Visual Studies 1639 001 .5 David Watson M 1:30PM 3:55PM 0										
VIST	H228A				experiments with 60s performance: a Fluxus Arts Workshop					
In this workshop course, we will reenact event scores from performance artists of the 1960s, including primary sources from Yoko Ono, Adrian Piper, Alison Knowles, and George Brecht. Akin to a theatrical script or a musical score, an event score, a poetic script for performance, questions whether the performance is its documentation, the textual-visual component, or its restaging and activation with the body. Lottery Preference: Visual Studies minors Enrollment Limit: 12.00										

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crđ	Instructor(s)	Days	Start	End	Room	Enrld
<i>Attributes: A: Creative Expression Humanities Visual Studies</i>										
	1730	001	1.0	troizel xx Carr		T Th	11:30AM	12:55PM		0
VIST	H232A	blaqueer eye: the look and feel of real								
Beginning with behind-the-scenes documentary of a female illusionist pageant The Queen (1968) and ending with the cancellation of HBO's ballroom reality television competition show <i>Legendary</i> (2021), this course finds interest in the textured lives of gender and sexually creative African descendants in the U.S. and how their lives have been translated into the terms black, queer, and trans in public imagination. Lottery Preference: Visual Studies minors Enrollment Limit: 15.00										
<i>Attributes: A: Meaning, Interpretation (Texts) Africana Studies Gender and Sexuality Studies Humanities Visual Studies</i>										
	2140	001	1.0	troizel xx Carr		Th	1:30PM	3:55PM		0
VIST	H235A	Narrative Digital Production - From Screenplay to Finished Video								
In this course will learn the technical fundamentals of planning and creating narrative videos, from concept to finished product. We will focus on creating screenplays and storyboards; planning around bringing the pre-production materials to life, and editing footage into a finished video to share. We will be utilizing screenplay applications and editing software found in VCAM while discussing how to streamline video production logistics surrounding fictional or narrative work. Lottery Preference: VIST minors first, second year students second. Enrollment Limit: 12.00										
<i>Attributes: A: Creative Expression Humanities Visual Studies</i>										
	2685	001	1.0	Charles Woodard		M W	1:00PM	2:25PM	VCAM101	0
VIST	H266A	Sensory Ethnographic Methods								
Through this course, students will develop ethnographic research and writing skills using sensory detail (taste, touch, sight, sound, smell and feeling) to evoke people, places, and things. Assignments are primarily writing-intensive with additional fieldwork and multimodal (e.g. photography, film) exercises. Crosslisted: Anthropology, Visual Studies Prerequisite(s): Any Anthropology course Enrollment Limit: 15 Lottery Preference(s): Equal priority to Anthropology and Visual Studies students										
<i>Attributes: B: Analysis of the Social World Social Science Visual Studies</i>										
	1865	001	1.0	Emily Teera-Hong		F	11:00AM	1:25PM		0
VIST	H267A	Beauty Problems: Rhetoric, Aesthetics, Philosophy								
This course will examine a series of problems that beauty and other sensuous pleasures make for philosophy, film, and contemporary art. Works will include those of Plato, Immanuel Kant, Friedrich Nietzsche, Tanizaki Jun'ichiro, Isaac Julien, Elaine Scarry, Rosemarie Garland-Thomson, Fred Moten and others. <i>Attributes: A: Meaning, Interpretation (Texts) Humanities Visual Studies</i>										
	2141	001	1.0	John Hancock Muse		T Th	10:00AM	11:25AM		0
VIST	H270A	The Art of Sports: Ancient and Modern								
This course explores the visual and poetic life of sports, ancient and modern. It brings together cultural criticism, visual analysis, and historical study to theorize the beauty of athletics. Concepts of the body, gender, race and performance, and tropes such as "for the love of the game," "feel for the game" and "poetry in motion" will organize our work on the sensory and aesthetic dimensions of sports. No prior expertise in classics, art or sports necessary. Crosslisted: COML, VIST. Enrollment Limit: 25.00										
<i>Attributes: A: Meaning, Interpretation (Texts) Africana Studies B: Analysis of the Social World Gender and Sexuality Studies Humanities Visual Studies</i>										
	2659	001	1.0	Ava Shirazi		T	7:30PM	9:55PM		0
VIST	H275A	Race and Representation in Documentary Filmmaking								
This is an introductory cross-listed (Visual Studies/Anthropology) production course on the theory and practice of documentary filmmaking through an exploration of race onscreen. The objective of the course is to enable students to build a										

Haverford College Fall 2024 Course Guide

Subject	Cat Nbr	CLNbr	Sctn	Crd	Instructor(s)	Days	Start	End	Room	Enrld
					critical awareness of the ways in which film and media in general perpetuate racist discourses and representations and explore how students can challenge such representations through their own filmmaking practices. As inspiration, we will watch and study a wide variety of innovative documentary films that bring alternative voices and histories to screen and read/watch filmmaker interviews. Classes will combine elements of a studio (sharing and critiquing filmmaking work in progress) and seminar (discussing weekly themes). Crosslisted: VIST. Lottery Preference: Senior students in anthropology and visual studies have a priority to take this class. Enrollment Limit: 12.00 Attributes: A: Creative Expression B: Analysis of the Social World Social Science Visual Studies					
					1448 001 1.0 Zeynep Sertbulut	T Th	1:00PM	2:25PM		0
VIST	H276A	Global Media								
					This course takes an anthropological approach to examine social and cultural practices of media production, circulation, and consumption. Drawing on ethnographic studies from around the world, it provides an overview of the increasing theoretical attention given to media by anthropologists. It examines cross-culturally how media as representation and as cultural practice have been fundamental to the formation and transformation of subjectivities, collectivities and social relations in the contemporary world. Crosslisted: ANTH, VIST Pre-requisite(s): 100-level course in social sciences, or humanities. Lottery Preference: Senior anthropology students have a priority to take the class. Enrollment Limit: 25.00 Attributes: B: Analysis of the Social World Social Science					
					1863 001 1.0 Zeynep Sertbulut	T Th	11:30AM	12:55PM		0
VIST	H399A	Capstone for Visual Studies Minors								
					Examines art, writing and exhibition practices centering in particular cultural contexts. Explores artists and curators who link art, identity, and politics, and the environment in their practice. Focuses on developing practical skills related to archival research, analysis of visual material and critical making. To be taken in fall semester of senior year. Prerequisite(s): Visual Studies minor Enrollment Limit: 12 Attributes: Humanities Visual Studies					
					1363 001 1.0 Erin Schoneveld	W	1:30PM	3:55PM		0
VIST	H480A	Independent Study								
					Independent Study 1510 001 1.0					0
WRPR	H101A	Finding a Voice: Identity, Environment, and Intellectual Inquiry								
					This course considers students fluid relationship to identities that they examine, explore, and take on through course materials. We begin by examining how difference is perceived/obscured/challenged and/or bridged in constructions of identity. We then consider how identities exist in the physical environment and how environment affects these identities. The different positions that experts have taken serves as a model, finally, for students to enter another scholarly debate within an area of interest in a possible prospective major. Open only to members of the first-year class as assigned by the Director of College Writing. Enrollment Limit: 12					
					1369 001 1.0					0
					1370 002 1.0					0
WRPR	H102A	The Internet & Participatory Culture								
					This semester, we will read and write, critically and purposefully, on what is considered the new public sphere: the internet. We will do this by investigating three major areas of internet culture: Cancel or Call-Out Culture, Meme Culture and the Culture of Web Activism (sometimes referred to as Slacktivism). Pre-requisite(s): Placement by Director of College Writing. Lottery Preference: Only open to first year students as placed by the Director of College Writing. Enrollment Limit: 10					

Haverford College Fall 2024 Course Guide

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		1385	001	1.0						0
		1386	002	1.0						0
WRPR	H106A	Feminism Before Suffrage								
		Long before they secured the right to vote, women in the United States were actively engaged in an array of political and social debates from abolition and labor reform to marriage and Indigenous sovereignty. In this course we'll explore this history of American feminist expression by tracing the ways in which women writers from 1776-1920 contested and asserted ideas about sex, race, class, and citizenship.								
		Pre-requisite(s): Placement by the Director of College Writing.								
		Enrollment Limit: 12.00								
		1442	001	1.0						0
		1443	002	1.0						0
WRPR	H118A	Portraits of Disability and Difference								
		Rosemarie Garland-Thomson writes that "staring is an interrogative gesture that asks whats going on and demands the story. The eyes hang on, working to recognize what seems illegible, order what seems unruly, know what seems strange." In this seminar we will explore visual and literary portraits and self-portraits of bodies marked by difference, bodies that often elicit stares. We will ask: What kinds of stories are told about these bodies? How do memoirs and self-portraits by people with disabilities draw on and challenge traditions of life writing and portraiture? How does this work enlarge cultural and aesthetic views of embodiment, disability, and difference? Open only to first-year students as assigned by the Director of College writing.								
		Enrollment Limit: 12								
		1371	001	1.0						0
WRPR	H120A	Evolutionary Arguments								
		From the eugenics movement of the early twentieth century to the present, scientists, ethicists, disability activists, and others have argued about the uses of increasingly sophisticated technologies for preventing certain inherited traits and enhancing others. We will track representative arguments in ethics, the court, social movements, and popular culture. How do these medical technologies intersect with cultural values and beliefs? How do they influence who will be included in the human community?								
		Open only to first-year students as assigned by the Director of College Writing.								
		Enrollment Limit: 12								
		1682	001	1.0						0
WRPR	H125A	On Higher Ed: Introduction to Critical University Studies								
		A number of structural and historical conditions define higher education. This seminar offers an opportunity to explore such conditions by asking what college is as a historical, political-economic, and cultural institution.								
		Pre-requisite(s): Placement by the Director of College Writing.								
		Lottery Preference: Limited to first year students.								
		Enrollment Limit: 12								
		1440	001	1.0						0
		1441	002	1.0						0
WRPR	H142A	Defining Blackness: Race & Intimacy in American Discourse								
		In this course, students will close-read narrative and filmic depictions of transcending, transgressing, and violating racial borders, thinking about what these narratives reflect and what they produce when it comes to understandings of race, gender and sexuality. We'll look at the effects of both transgressive and progressive figurations of "racial mixture" and mixed race individuals, considering what functions these discourses play in larger schemas of American politics, ideologies and affects.								
		Lottery Preference: First year students as assigned by the Director of College Writing								
		Enrollment Limit: 12.00								
		1694	001	1.0						0
		1696	002	1.0						0
WRPR	H146A	Narratives of Ethical Leadership: Soldier, Sage, Statesman, Saint								

Haverford College Fall 2024 Course Guide

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					Is it better to be loved or feared? May we commit a small act of injustice to achieve a greater good for society? Should someone who committed terrible atrocities be remembered as "the Great?" This course explores the role and ethics of leadership through four figures from ancient history: Socrates, Alexander the Great, Cicero, and Anthony the Great. Guided by these questions, students will hone their abilities in reading critically, debating productively, and writing persuasively. Open only to first-year students as assigned by the Director of College Writing.						
			1683	001	1.0					0	
WRPR	H150A	Approaches to Literary Analysis									
		Intended like other sections of the Writing Program to advance students' critical reading and analytical writing skills, this course is geared specifically towards introducing students to the discipline that studies the literary traditions of the English language. One of its aims is to explore the broad range of thematic interests inherent in these traditions, sharing as they do common roots in the history of our language and its influences. The powers and limits of language; ideas of character and community, and the relation between person and place; heroic endeavor and the mystery of evil; loss and renovation these are among the themes to be tracked through various strategies of literary representation and interpretation in a variety of genres (epic, narrative, and poetry) and modes (realism, allegory, and romance), and across a range of historical periods. Our goal is to develop the vocabulary, skills, and knowledge necessary to understand not only how we decide what literary texts mean, but also how literary texts generate and contemplate meaning. Open only to first-year students as assigned by the Director of College Writing.									
		Enrollment Limit: 12									
			1372	001	1.0					0	
			1373	002	1.0					0	
			1374	003	1.0					0	
WRPR	H151A	Through the Looking Glass: Ancient Sexuality and Modern Queer Politics									
		In this course, we will examine the influence of Greco-Roman antiquity on the way that we talk about sex and sexuality today, in particular, how queer people have used the Classics to define their own identities. There follows a series of questions: What is at stake when we see ourselves in the past? What does it mean to identify an ancient person as queer? In these histories, which elements are emphasized, which are left out?									
		Lottery Preference: First year students as assigned by the Director of College Writing.									
		Enrollment Limit: 12.00									
			1695	001	1.0					0	
WRPR	H154A	Human Rights and the State									
		This course explores the tension between the law's dual obligation to protect individual rights and uphold the states right to govern, especially during times of crisis. Students will first consider the question, where do rights originate? Students will then consider primary sources that examine important concepts related to human rights: equal protection in wartime (the internment camp cases), protest (Martin Luther King, Jr.), patriotism (Frederick Douglass), identity (Audre Lorde), and even, technology (Ruha Benjamin).									
		Lottery Preference: First year students as assigned by the Director of College Writing.									
		Enrollment Limit: 12.00									
			1711	001	1.0					0	
WRPR	H182A	The American Family in Historical Perspective									
		Explores values, and stresses, as interfaced with realities of "family," e.g., Native American, Hispanic, African American; Protestant, Jewish, Mormon and Catholic, North, South and West, over time; rituals of birth, marriage, illness, disability; expectations of family "loyalty." Open only to first-year students as assigned by the Director of College Writing.									
		Enrollment Limit: 12									
			1453	001	1.0					0	