Areas of Study
AREAS OF STUDY

DEFINITIONS

Major

In order to ensure that a student's education involves not simply exposure to many disciplines but also development of some degree of mastery in at least one, she must choose a major subject at the end of the sophomore year. With the guidance of the major adviser, a student plans an appropriate sequence of courses. The following is a list of major subjects:

- Anthropology
- Astronomy (Haverford College)
- Biology
- Chemistry
- Classical and Near Eastern Archaeology
- Classical Culture and Society
- Classical Languages
- Comparative Literature
- Computer Science
- East Asian Studies
- Economics
- English
- Fine Arts (Haverford College)
- French and Francophone Studies
- Geology
- German and German Studies
- Greek
- Growth and Structure of Cities
- History
- History of Art
- Italian
- Latin
- Linguistics (Swarthmore College)
- Linguistics and Languages (Swarthmore College)
- Mathematics
- Music (Haverford College)
- Philosophy
- Physics
- Political Science
- Psychology
- Religion (Haverford College)
- Romance Languages
- Russian
- Sociology
- Spanish

Minor

The minor typically consists of six courses, with specific requirements determined by the department or program. A minor is not required for the degree. The following is a list of subjects in which students may elect to minor. Minors in departments or programs that do not offer majors appear in italics.
Areas of Study

Africana Studies
Anthropology
Astronomy (at Haverford)
Biology
Chemistry
Classical and Near Eastern Archaeology
Classical Culture and Society
Comparative Literature
Computational Methods
Computer Science
Creative Writing
Dance
East Asian Studies
Economics
Education
English
Film Studies
French and Francophone Studies
Gender and Sexuality
Geology
German and German Studies
Greek
Growth and Structure of Cities
History
History of Art
International Studies
Italian
Latin
Linguistics (at Haverford)
Mathematics
Middle Eastern Studies
Music (at Haverford)
Philosophy
Physics
Political Science
Psychology
Russian
Sociology
Spanish
Theater Studies

Concentration

The concentration, which is not required for the degree, is a cluster of classes that overlap the major and focus a student's work on a specific area of interest:

- Environmental Studies
- Gender and Sexuality
- Geoarchaeology (with a major in Anthropology, Classical and Near Eastern Archaeology, or Geology)
- Latin-American, Latino and Iberian Peoples and Cultures
- Neural and Behavioral Sciences (with a major in Biology or Psychology)
- Peace, Conflict and Social Justice

Key to Course Letters

ANTH  Anthropology
ARAB  Arabic
ARTA  Arts in Education
ASTR  Astronomy
BIOL  Biology
CHEM  Chemistry
CNSE  Chinese
ARCH  Classical and Near Eastern Archaeology
CSTS  Classical Culture and Society
COML  Comparative Literature
CMSC  Computer Science
ARTW  Creative Writing
ARTD  Dance
EAST  East Asian Studies
ECON  Economics
EDUC  Education
ENGL  English
ARTS  Fine Arts
FREN  French and Francophone Studies
GNST  General Studies
GEOL  Geology
GERM  German and German Studies
GREK  Greek
CITY  Growth and Structure of Cities
HEBR  Hebrew and Judaic Studies
HIST  History
HART  History of Art
ITAL  Italian
JNSE  Japanese
LATN  Latin
LING  Linguistics
MATH  Mathematics
MUSC  Music
PHIL  Philosophy
PHYS  Physics
POLS  Political Science
PSYC  Psychology
RELG  Religion
RUSS  Russian
SOCL  Sociology
SPAN  Spanish
ARTT  Theater
Key to Course Numbers

001-099
These course numbers are used by only a few departments. They refer to introductory courses that are not counted towards the major.

100-199
Introductory courses, generally taken in the first and second years.

200-299
Introductory and intermediate-level courses, generally taken in the first two years.

300-399
Advanced courses.

400-499
Special categories of work (e.g., 403 for a unit of supervised work).

Some courses listed together are full-year courses. Students must complete the second semester of a full-year course in order to receive credit for both semesters. Full-year courses are indicated by the phrase “both semesters are required for credit” in the course description. Other courses listed together are designed as two-semester sequences, but students receive credit for completing either semester without the other.

A semester course usually carries one unit of credit. Students should check the course guide for unit listing. One unit equals four semester hours or six quarter hours.

Key to Requirement Indicators

Quantitative Skills: Indicates courses that meet the requirement for work in Quantitative Skills.

Division I: Indicates courses that meet part of the divisional requirement for work in the social sciences.

Division III: Indicates courses that meet the laboratory science part of the divisional requirement for work in the natural sciences and mathematics.

Division II: Indicates courses that meet part of the divisional requirement for work in the natural sciences or mathematics, but not the laboratory science part of the Division II requirement.

Division III: Indicates courses that meet part of the divisional requirement for work in the humanities.

Division I or III, II or III, etc.: Indicates courses that can be used to meet part of the divisional requirement for work in either division, but not both.

Neighboring College Courses

Selected Haverford College courses are listed in this catalog when applicable to Bryn Mawr programs. Consult the Haverford catalog for full course descriptions. Students should consult their deans or major advisers for information about Swarthmore College, University of Pennsylvania and Villanova University courses pertinent to their studies. Catalogs and course guides for Swarthmore are available through the Tri-Co Course Guide. Catalogs and course guides for Penn and Villanova are available through each institution’s Web site.

Course Descriptions

Following the description are the name(s) of the instructor(s), the College requirements that the course meets, if any, and information on cross-listing. Information on prerequisite courses may be included in the descriptions or in the prefatory material on each department. Descriptions for cross-listed courses are listed once in the home department of the cross-listed course.

At the time of this printing, the course offerings and descriptions that follow were accurate. Whenever possible, courses that will not be offered in the current year are so noted. There may be courses offered in the current year for which information was not available at the time of this catalog printing. For the most up-to-date and complete information regarding course offerings, faculty, status and divisional requirements, please consult the Tri-Co Course Guide, which can be found on the College Web site at http://www.trico.haverford.edu.
Africana Studies

Students may complete a minor in Africana Studies.

Coordinators
Kalala Ngalamulume, at Bryn Mawr College
Susanna Wing, at Haverford College

Affiliated Faculty at Bryn Mawr College
Michael H. Allen, Political Science (on leave semester II)
Linda-Susan Beard, English
Francis Higginson, French and Francophone Studies
Philip Kilbride, Anthropology
Elaine Mshomba, University of Pennsylvania
Kalala Ngalamulume, History
Mary J. Osirim, Sociology (on leave semesters I and II)
Diala Toure, History of Art
Robert Washington, Sociology

Affiliated Faculty at Haverford College
Koffi Anyinefa, French
Tracey Hucks, Religion
Jerry Miller, Philosophy
Zolani Ngwane, Anthropology
Jesse Shipley, Anthropology
Susanna Wing, Political Science

The Africana Studies Program brings a global outlook to the study of Africa and the African diaspora. Drawing on analytical perspectives from anthropology, history, literary studies, political science and sociology, the program focuses on African people and African cultures within the context of increasing globalization and dramatic social, economic and political changes.

Bryn Mawr's Africana Studies Program participates in a U.S. Department of Education-supported consortium with Haverford and Swarthmore Colleges and the University of Pennsylvania. Through this consortium, Bryn Mawr students have an opportunity to take a broad range of courses beyond those offered in our program by enrolling in courses offered by the three other participating institutions. Also, Bryn Mawr's Africana Studies Program sponsors a study abroad semester at the University of Nairobi, Kenya, and participates in other study abroad programs offered by its consortium partners in Zimbabwe, Ghana and Senegal.

Students are encouraged to begin their work in the Africana Studies Program by taking Introduction to Africana Studies (HIST B102). This introductory level course, which provides students with a common intellectual experience as well as the foundation for subsequent courses in Africana Studies, should be completed by the end of the student's junior year.

Minor Requirements

The requirements for a minor in Africana Studies are the following:

1. One-semester interdisciplinary course Bryn Mawr HIST B102: Introduction to Africana Studies (ICPR 101 at Haverford).
2. Six semester courses from an approved list of courses in Africana studies.
3. A senior thesis or seminar-length essay in an area of Africana studies.

Students are encouraged to organize their course work along one of several prototypical routes. Such model programs might feature:

1. Regional or area studies; for example, focusing on blacks in Latin America, the English-speaking Caribbean or North America.
2. Thematic emphases; for example, exploring class politics, ethnic conflicts and/or economic development in West and East Africa.
3. Comparative emphases; for example, problems of development, governance, public health or family and gender.

The final requirement for the Africana Studies minor is a senior thesis or its equivalent. If the department in which the student is majoring requires a thesis, she can satisfy the Africana Studies requirement by writing on a topic that is approved by her department and the Africana Studies Program coordinator. If the major department does not require a thesis, an equivalent written exercise—that is, a seminar-length essay—is required. The essay may be written within the framework of a particular course or as an independent study project. The topic must be approved by both the instructor in question and the Africana Studies Program coordinator.

Africana Studies courses currently offered at Bryn Mawr include:

Fall 2010
ANTH B200 The Atlantic World 1492-1800: Indians, Europeans, and Africans
ANTH B253 Childhood in the African Experience
ARCH B101 Introduction to Egyptian and Near Eastern Archaeology: Egypt and Mesopotamia
CITY B266 Schools in American Cities
COML B388 Contemporary African Fiction
EDUC B266 Schools in American Cities
ENGL B388  Contemporary African Fiction
GNST B103  Introduction to Swahili Language and Culture
HART B362  The African Art Collection
HIST B200  The Atlantic World 1492-1800: Indians, Europeans, and Africans
HIST B235  West African History
HIST B336  Topics in African History: Social and Cultural History of Medicine
SOCL B266  Schools in American Cities

**Spring 2011**

ANTH B341  Cultural Perspectives on Marriage and the Family
EDUC B200  Critical Issues in Education
ENGL B263  Toni Morrison and the Art of Narrative Conjure
ENGL B369  Women Poets
GNST B105  Introduction to Swahili Language and Culture II
HART B282  Arts of Sub-Saharan Africa
HIST B102  Introduction to African Civilizations
HIST B243  Atlantic Cultures: Maroon Societies
HIST B337  Topics in African History: Social History of Witchcraft
HIST B349  Topics in Comparative History: Before European Hegemony
SOCL B29  Black America in Sociological Perspective

Africana Studies courses currently offered at Haverford include:

**Fall 2010**

FREN H312  Le Genocide rwandais (1994)
GERM H223  Writing Nations: Africa and Europe
HIST H114  Origins of the Global South
POLS H235  African Politics
POLS H270  Tragedy and the Postcolonial
RELH H137  Black Religion and Liberation Theology
RELH H214  Prophetic Imaginations in the American Tradition

**Spring 2011**

ANTH H327  Ritual, Performance and Symbolic Practice
ENGL H265  African American Literature
Anthropology

Students may complete a major or a minor in Anthropology. Within the major, students may complete a concentration in environmental studies or geoarchaeology.

Faculty

Richard S. Davis, Professor and Chair
Philip Kilbride, Professor
Tamara Neuman, Visiting Assistant Professor
Melissa J. Pashigian, Associate Professor
Denise Fay-Shen Su, Assistant Professor
Ayumi Takenaka, Associate Professor
Amanda J. Weidman, Assistant Professor

Anthropology is a holistic study of the human condition in both the past and the present. The anthropological lens can bring into focus the social, cultural, biological and linguistic variations that characterize the diversity of humankind throughout time and space. The frontiers of anthropology can encompass many directions: the search for early human fossils in Africa, the excavations of prehistoric societies and ancient civilizations, the analysis of language use and other expressive forms of culture, or the examination of the significance of culture in the context of social life.

Major Requirements

Requirements for the major are ANTH 101, 102, 303, 398, 399, an ethnographic area course that focuses on the cultures of a single region, and four additional 200- or 300-level courses in anthropology. Students are encouraged to select courses from each of four subfields of anthropology: archaeology, bioanthropology, linguistics or sociocultural.

Students may elect to do part of their work away from Bryn Mawr. Courses that must be taken at Bryn Mawr include ANTH 101, 102, 303, 398 and 399. (ANTH 103 at Haverford may be substituted for ANTH 102.)

Honors

Qualified students may earn departmental honors in their senior year. Honors are based on the quality of the senior thesis (398, 399) and grade point average in courses taken for the anthropology major.

Minor Requirements

Requirements for a minor in anthropology are ANTH 101, 102, 303, one ethnographic area course and two additional 200- or 300-level courses in anthropology.

Concentration in Environmental Studies

The Department of Anthropology participates with other departments in offering a concentration within the major in Environmental Studies.

Concentration in Geoarchaeology

The Department of Anthropology participates with other departments in offering a concentration within the major in geoarchaeology.

ANTH B101 Introduction to Anthropology: Prehistoric Archaeology and Biological Anthropology

An introduction to the place of humans in nature, primates, the fossil record for human evolution, human variation and the issue of race, and the archaeological investigation of culture change from the Old Stone Age to the rise of early civilizations in the Americas, Eurasia and Africa. In addition to the lecture/discussion classes, there is a one-hour weekly lab.

(Davis, Su, Division I: Social Science)

ANTH B102 Introduction to Cultural Anthropology

An introduction to the methods and theories of cultural anthropology in order to understand and explain cultural similarities and differences among contemporary societies.

(Pashigian, Weidman, Division I: Social Science)

ANTH B111 Introduction to Peace and Conflict Studies

A broad and interdisciplinary overview of the study of conflict management. Areas to be introduced will include interpersonal conflict and conflict management, alternative dispute resolution and the law, community conflict and mediation, organizational, intergroup, and international conflict, and conflict management. This course will also serve as a foundation course for students in or considering the peace and conflict studies concentration.

(Neuman, Division I: Social Science)

Cross-listed as POLS B111

ANTH B185 Urban Culture and Society

(Arbona, McDonogh, Division I: Social Science)

Cross-listed as CITY B185

ANTH B190 The Form of the City: Urban Form from Antiquity to the Present

(Cohen, Hein, Division I or Division III)

Cross-listed as CITY B190

Cross-listed as HART B190

Not offered in 2010-11.
ANTH B200 The Atlantic World 1492-1800: Indians, Europeans, and Africans

(Gallup-Diaz, Division I or Division III)
Cross-listed as HIST B200

ANTH B203 Human Ecology

The relationship of humans with their environment; culture as an adaptive mechanism and a dynamic component in ecological systems. Human ecological perspectives are compared with other theoretical orientations in anthropology. Prerequisites: ANTH 101, 102, or permission of instructor.

(Davis, Division I: Social Science)

ANTH B204 North American Archaeology

For millennia, the North American continent has been home to a vast diversity of Native Americans. From the initial migration of big game hunters who spread throughout the continent more than 12,000 years ago to the high civilizations of the Maya, Teotihuacan, and Aztec, there remains a rich archaeological record that reflects the ways of life of these cultures. This course will introduce the culture history of North America as well as explanations for culture change and diversification. The class will include laboratory study of North American archaeological and ethnographic artifacts from the College’s Art and Archaeology collections.

(Davis, Division I: Social Science)

ANTH B206 Conflict and Conflict Management: A Cross-Cultural Approach

(Ross, Division I: Social Science)
Cross-listed as POLS B206
Not offered in 2010-11.

ANTH B209 Human Evolution

The position of humans among the primates, processes of biocultural evolution, the fossil record and contemporary human variation. Prerequisite: ANTH 101 or permission of instructor.

(Su, Division I: Social Science)
Not offered in 2010-11.

ANTH B210 Medical Anthropology

This course examines the relationships between culture, society, disease and illness. It considers a broad range of health-related experiences, discourses, knowledge and practice among different cultures and among individuals and groups in different positions of power. Topics covered include sorcery, herbal remedies, healing rituals, folk illnesses, modern disease, scientific medical perceptions, clinical technique, epidemiology and political economy of medicine. Prerequisite: ANTH 102 or permission of instructor.

(Pashigian, Division I: Social Science)
Cross-listed as CITY B209
Not offered in 2010-11.

ANTH B212 Primate Evolution and Behavior

An exploration of the aspects of the biology and behavior of living primates as well as the evolutionary history of these close relatives. The major focus of this study is to provide the background upon which human evolution is best understood.

(Su, Division I: Social Science)

ANTH B220 Methods and Theory in Archaeology

An examination of techniques and theories archaeologists use to transform archaeological data into statements about patterns of prehistoric cultural behavior, adaptation and culture change. Theory development, hypothesis formulation, gathering of archaeological data and their interpretation and evaluation are discussed and illustrated by examples. Theoretical debates current in American archaeology are reviewed and the place of archaeology in the general field of anthropology is discussed. Prerequisite: ANTH 101 or permission of instructor.

(Davis, Division I: Social Science)
Not offered in 2010-11.

ANTH B227 Ragas to Rap: Music and Performance in South Asia

Examines contemporary music scenes of South Asia and the South Asian diaspora. Approaches music and performance anthropologically, examining the historical, social and cultural contexts of different genres including north and south Indian art musics, film songs, experimental fusion music, bhangra and rap through a combination of written material, sound recordings, live performances and films. Prerequisite: one course in music, dance or anthropology or consent of the instructor.

(Weidman)
Not offered in 2010-11.

ANTH B229 Comparative Urbanism

(McDonogh, Division I: Social Science)
Cross-listed as CITY B229
Cross-listed as EAST B229
Cross-listed as HART B229
Cross-listed as SOCL B230
Not offered in 2010-11.

ANTH B231 Cultural Profiles in Modern Exile

(Seyhan, Division III: Humanities)
Cross-listed as GERM B231
Cross-listed as COML B231
Not offered in 2010-11.

ANTH B235 Transitional Justice in Post-Conflict Societies

This course explores the successes, challenges, and future of transitional justice, where post-conflict societies use formal institutions to address the legacy of political violence to build sustainable peace. Case studies of
countries which have used a variety of approaches will help us consider concepts like human rights, justice, reconciliation and peace, and how these principles might be achieved through initiatives such as UN-directed tribunals, national courts, truth commissions and/or locally-based systems deriving from ritual or customary law. Prerequisite: One course in Anthropology, Political Science or Peace and Conflict Studies.
(Doughty, Division I: Social Science)
Cross-listed as POLS B235
Not offered in 2010-11.

ANTH B236 Evolution
(Gardiner, Marenco, Division II: Natural Science)
Cross-listed as BIOL B236
Cross-listed as GEOL B236

ANTH B237 Environmental Health
This course introduces principles and methods in environmental anthropology and public health used to analyze global environmental health problems globally and develop health and disease control programs. Topics covered include risk; health and environment; food production and consumption; human health and agriculture; meat and poultry production; and culture, urbanization, and disease. Prerequisite: ANTH 102; permission of instructor.
(Pashigian, Division I: Social Science)

ANTH B240 Traditional and Pre-Industrial Technology
An examination of several traditional technologies, including chipped and ground stone, ceramics, textiles, metallurgy (bronze), simple machines and energy production; emphasizing the physical properties of various materials, production processes and cultural contexts both ancient and modern. Weekly laboratory on the production of finished artifacts in the various technologies studied. Prerequisite: permission of instructor.
(Davis, Division I: Social Science)
Not offered in 2010-11.

ANTH B242 Urban Field Research Methods
(Takenaka, Division I: Social Science)
Cross-listed as SOCL B242
Cross-listed as CITY B242
Not offered in 2010-11.

ANTH B249 Asian American Communities
(Takenaka, Division I: Social Science)
Cross-listed as SOCL B249
Cross-listed as CITY B249

ANTH B253 Childhood in the African Experience
An overview of cultural contexts and indigenous literatures concerning the richly varied experience and interpretation of infancy and childhood in selected regions of Africa. Cultural practices such as pregnancy customs, naming ceremonies, puberty rituals, sibling relationships, and gender identity are included. Modern concerns such as child abuse, street children, and other social problems of recent origin involving children are considered in terms of theoretical approaches current in the social sciences. Prerequisites: anthropology major, any social sciences introductory course, Africana studies concentration, or permission of instructor.
(Kilbride, Division I: Social Science)

ANTH B258 Immigrant Experiences
(Takenaka, Division I: Social Science)
Cross-listed as SOCL B246

ANTH B261 Palestine and Israeli Society
Considers the legacy of Palestine and the centrality of the Israeli-Palestinian conflict as key in the formation of Israeli society, shaped by ongoing political conflict. New ethnographic writings disclose themes like Zionism, Holocaust, immigration, religion, Palestinian citizenry, Middle Eastern Jews and military occupation and resulting emerging debates among different social sectors and populations. Also considers constitution of ethnographic fields and the shaping of anthropological investigations by arenas of conflict. Prerequisites: sophomore standing and POLS B111 or ANTH B101 or B102 or permission of the instructor.
(Neuman, Division I: Social Science)
Cross-listed as HEBR B261
Cross-listed as HIST B261
Not offered in 2010-11.

ANTH B267 The Development of the Modern Japanese Nation
(Takenaka, Division I: Social Science)
Cross-listed as SOCL B267
Cross-listed as EAST B267
Not offered in 2010-11.

ANTH B270 Geoarchaeology
(Barber, Magee)
Cross-listed as ARCH B270
Cross-listed as GEOL B270
Not offered in 2010-11.

ANTH B275 Cultures and Societies of the Middle East
Through a close reading of ethnographic, historical, and literary materials, this course will introduce students to some of the key conceptual issues and regional distinc-
tions that have emerged from classic and contemporary studies of culture and society in the Middle East. The course will survey the following themes: orientalism; gender and patriarchy; democracy and state-formation; political Islam; oil and Western dominance; media and religion; violence and nationalism; identity and diaspora. Prerequisite: Introduction to Anthropology or equivalent. No knowledge of the Middle East is assumed.

ANTH B281 Language in Social Context

Studies of language in society have moved from the idea that language reflects social position/identity to the idea that language plays an active role in shaping and negotiating social position, identity, and experience. This course will explore the implications of this shift by providing an introduction to the fields of sociolinguistics and linguistic anthropology. We will be particularly concerned with the ways in which language is implicated in the social construction of gender, race, class, and cultural/national identity. The course will develop students' skills in the ethnographic analysis of communication through several short ethnographic projects.

ANTH B282 Native American Literature

(Division III: Humanities)
Not offered in 2010-11.

ANTH B286 Cultural Perspectives on Ethnic Identity in the Post Famine Irish Diaspora

Theoretical perspectives and case studies on exclusion and assimilation in the social construction of Irish ethnic identity in the United States and elsewhere in the Irish diaspora. Symbolic expressions of Irish ethnicity such as St. Patrick’s Day celebrations will consider race, class, gender, and religion. Racism and benevolence in the Irish experience will highlight a cultural perspective through use of ethnographies, personal biographies, and literary products such as novels and films. Prerequisite: introductory course in social science or permission of instructor.

ANTH B303 History of Anthropological Theory

A consideration of the history of anthropological theories and the discipline of anthropology as an academic discipline that seeks to understand and explain society and culture as its subjects of study. Several vantage points on the history of anthropological theory are engaged to enact an historically charged anthropology of a disciplinary history. Anthropological theories are considered not only as a series of models, paradigms, or orientations, but as configurations of thought, technique, knowledge, and power that reflect the ever-changing relationships among the societies and cultures of the world. Prerequisite: at least one additional anthropology course at the 200 or 300 level.

ANTH B312 Anthropology of Reproduction

An examination of social and cultural constructions of reproduction, and how power in everyday life shapes reproductive behavior and its meaning in Western and non-Western cultures. The influence of competing interests within households, communities, states, and institutions on reproduction is considered. Prerequisite: at least one 200-level ethnographic area course or permission of instructor.

ANTH B316 Gender in South Asia

Examines gender as a culturally and historically constructed category in the modern South Asian context, focusing on the ways in which everyday experiences of and practices relating to gender are informed by media, performance, and political events. Prerequisite: One 200-level course including material on a non-Western society and permission of the instructor.

ANTH B335 Mass Media and the City

Cross-listed as CITY B335

ANTH B337 Comparative Colonial Formations

This course aims to comparatively examine the key features of settler colonialism and its legacies in the 20th centuries. Settler colonialism will be re-examined in light of recent scholarship which defines it as a particular kind of colonial venture that has focused on eliminating indigenous populations and seizing land.

ANTH B341 Cultural Perspectives on Marriage and Family

This course considers various theoretical perspectives that inform our understanding of cross-cultural constructions of marriage and the family. Sociobiology, deviance, feminism, social constructionism, and cultural evolutionary approaches will be compared using primarily anthropological-ethnographic case examples. Cultural material from Africa and the United States will be emphasized. Applications will emphasize current U.S. socially contested categories such as same-sex marriage, plural marriage, gender diversity, divorce, and the blended family. Prerequisites: any history, biology, or social science major.
ANTH B342 Middle Eastern Diasporas

Focuses on Middle Eastern diasporas, particularly Arab, especially Palestinian, Turkish, Iranian and Jewish communities living outside the Middle East or to the transnational communities within the region. Examines the range of experiences covered by the term "diaspora." Seeks to understand how ethnic identities and social bonds are created, extended and perpetuated in relation to Middle Eastern places of origin, and how plurality of experiences forge real and imagined links to various homelands. Prerequisites: sophomore standing, POLS B111 or ANTH B101 or B102 or permission of the instructor.

(Neuman, Division I: Social Science)
Cross-listed HEBR B342
Not offered in 2010-11.

ANTH B347 Advanced Issues in Peace and Conflict Studies

An in-depth examination of crucial issues and particular cases of interest to advanced students in peace and conflict studies through common readings and student projects. Various important theories of conflict and conflict management are compared and students undertake semester-long field research. The second half of the semester focuses on student research topics with continued exploration of conflict-resolution theories and research methods. Prerequisite: POLS 206, 111, or Haverford’s POLS 247.

(Neuman)
Cross-listed as POLS B347

ANTH B350 Advanced Topics in Gender Studies: African Childhoods

A gendered perspective on selected topics in the experiences of children and youth in Africa concerning indigenous cultural practices such as initiation ceremonies and sexual orientation. The extended family, sibling relationships and infancy rituals will be portrayed. Postcolonial concerns such as HIV/AIDS, street children, and formal education also involving gender will be considered from a social, cultural, and economic perspective. Life stories, case studies, and ethnographic methodology will be featured.

(Kilbride, Division I: Social Science)

ANTH B354 Identity, Ritual and Cultural Practice in Contemporary Vietnam

This course focuses on the ways in which recent economic and political changes in Vietnam influence and shape everyday lives, meanings and practices there. It explores construction of identity in Vietnam through topics including ritual and marriage practices, gendered socialization, social reproduction and memory. Prerequisite: at least ANTH B102 or permission of the instructor.

(Pashigian, Division I: Social Science)
Cross-listed as EAST B354
Not offered in 2010-11.

ANTH B359 Topics in Urban Culture and Society

(Hayes-Conroy, Arbona, Division I or Division III)
Cross-listed as CITY B360
Cross-listed as HART B359
Cross-listed as SOCL B360
Not offered in 2010-11.

ANTH B360 Advanced Topics in Human Evolution

This course will explore central issues in the study of human origins. We will examine Miocene hominoids from Africa, Asia, and Europe to better understand the ongoing debate about the origins of the hominin lineage, particularly issues pertaining to the location and hominoid group from which hominins arose. We will also look at the earliest putative hominins from Africa within the context of the earlier Miocene hominoids for a better understanding of their taxonomic position. Prerequisite: ANTH 209

(Su, Division I: Social Science)

ANTH B382 Religious Fundamentalism in the Global Era

Through a comparison of Jewish, Islamic, Christian and Hindu political movements, the course seeks to investigate the religious turn in national and transnational contexts. We will also seek to find commonalities and differences in religious movements, and religious regimes, while considering the aspects of globalization which usher in new kinds of transnational affiliation. Prerequisite: An introductory course in Anthropology, Political Science or History or permission of the instructor.

(Neuman, Division I or III)
Cross-listed as HIST B382
Cross-listed as POLS B382

ANTH B397 Senior Seminar in Environmental Studies

(Barber, Stroud)
Cross-listed as GEOL B397
Cross-listed as BIOL B397
Not offered in 2010-11.

ANTH B398 Senior Conference

The topic of each seminar is determined in advance in discussion with seniors. Sections normally run through the entire year and have an emphasis on empirical research techniques and analysis of original material.
Class discussions of work in progress and oral and written presentations of the analysis and results of research are important. A senior's thesis is the most significant writing experience in the seminar. (Davis, Pashigian, Su, Weidman, Division I: Social Science)

**ANTH B399 Senior Conference**

The topic of each seminar is determined in advance in discussion with seniors. Sections normally run through the entire year and have an emphasis on empirical research techniques and analysis of original material. Class discussions of work in progress and oral and written presentations of the analysis and results of research are important. A senior’s thesis is the most significant writing experience in the seminar. (Davis, Pashigian, Su, Weidman, Division I: Social Science)

**ANTH B403 Supervised Work**

Independent work is usually open to junior and senior majors who wish to work in a special area under the supervision of a member of the faculty and is subject to faculty time and interest. (Davis, Kilbride,)

**ANTH B425 Praxis III: Independent Study**

(Takenaka, Hart)

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**Arabic**

**Faculty**

Grace Morgan Armstrong, Professor and Coordinator of Middle Eastern Languages (on leave semester II)
Camelia Yosef Suleiman, Visiting Assistant Professor and Coordinator
Ibtissam Zemmahi, Fulbright Foreign Language Teaching Assistant

**Faculty at Swarthmore College**

Aman Attieh, Assistant Professor
Brahim El Guabli, Visiting Lecturer
Farnaz Perry, Visiting Lecturer

Arabic language instruction is offered through Tri-College cooperation. Courses are available at Bryn Mawr, Haverford, and Swarthmore Colleges. The teaching of Arabic is a component of the three colleges’ efforts to increase the presence of the Middle East in their curricula. Bryn Mawr offers courses on the Middle East in the departments of Anthropology, Classical and Near Eastern Archaeology, Comparative Literature, General Studies, History, and Political Science.

**College Foreign Language Requirement**

The College’s foreign language requirement may be satisfied by completing ARAB 003 and 004 with an average grade of at least 2.0 or with a grade of 2.0 or better in ARAB 004.

**ARAB B001 Intensive First Year Modern Standard Arabic**

This is a year-long course. This intensive introduction to Arabic aims to develop the four language skills of speaking, writing, listening, and reading. The spoken component covers formal and casual forms of speech. Cultural aspects are also built into the course. This course sequence helps students to rapidly advance in Arabic and prepares them for more advanced work on literary Arabic, as well as to work, travel or study abroad. By the end of the course, most students will reach the intermediate-low level, according to the ACTFL proficiency rating. (Suleiman, Zemmahi, Language Level 1)
Cross-listed as GNST B001

**ARAB B002 Intensive First Year Modern Standard Arabic**

This is a year-long course. This intensive introduction to Arabic aims to develop the four language skills of speaking, writing, listening, and reading. The spoken component covers formal and casual forms of speech.
Cultural aspects are also built into the course. This course sequence helps students to rapidly advance in Arabic and prepares them for more advanced work on literary Arabic, as well as to work, travel or study abroad. By the end of the sequence, most students will reach the intermediate-low level, according to the ACTFL proficiency rating.

(Suleiman, Zemmahi, Language Level 1)

Cross-listed as GNST B002

ARAB B003 Second-Year Modern Standard Arabic

Combines intensive oral practice with writing and reading in the modern language. The course attempts to increase students’ expressive ability through the introduction of more advanced grammatical patterns and idiomatic expressions. Introduces students to authentic written texts and examples of Arabic expression through several media.

(Suleiman, Zemmahi, Language Level 2)

ARAB B004 Second-Year Modern Standard Arabic

Combines intensive oral practice with writing and reading in the modern language. The course attempts to increase students’ expressive ability through the introduction of more advanced grammatical patterns and idiomatic expressions. Introduces students to authentic written texts and examples of Arabic expression through several media.

(Suleiman, Zemmahi, Language Level 2)

ARAB B007 Tri-Co Arabic Communication Workshop

A 0.5-credit conversation course concentrating on the development of intermediate skills in speaking and listening through texts and multimedia materials in Modern Standard Arabic. The aim of the course is for the student to acquire well-rounded communication skills and sociocultural competence. Students are required to read chosen texts (including Internet materials) and prepare assignments for the purpose of generating discussion in class. The class is conducted entirely in Arabic. The class may be divided into smaller groups if needed to facilitate conversation. Prerequisite: For students presently or previously in ARAB 003 or ARAB 004 or the equivalent.

(Perry)

Not offered in 2010-11.

ARAB S011, S012 Third-Year Modern Standard Arabic

This is a year-long course. It is designed to (1) conduct a quick review of the basic structures, grammar and the first 1,000 most frequent words of modern standard Arabic (MSA) learned in earlier courses; (2) introduce the next 1,500 high-frequency words in a variety of contexts with strong cultural content; (3) drill students in the more advanced grammatical structures of MSA; and (4) train students in developing reading skills that will assist them in comprehending a variety of MSA authentic reading passages of various genres and performing reading tasks ranging from intermediate high to advanced levels on the ACTFL scale.

(Hamarneh)

Offered at Swarthmore.

ARAB B403 Independent Study

(Staff)
Arts Program

Students may complete a minor in Creative Writing, Dance or Theater and may submit an application to major in Creative Writing, Dance or Theater through the independent major program. Students may complete a major in Fine Arts or a major or minor in Music at Haverford College. English majors may complete a concentration in Creative Writing.

Faculty

David Dean Brick, Instructor in Dance
Madeline R. Cantor, Senior Lecturer and Associate Director of Dance
Linda Caruso-Haviland, Associate Professor and Director of Dance (on leave semester II)
Nancy Doyne, Instructor in Creative Writing
Thomas Jerome Ferrick Jr, Lecturer in Creative Writing
Daisy Fried, Instructor in Creative Writing
Amy Herzog, Lecturer in Creative Writing
Hiroshi Iwasaki, Senior Lecturer and Production Manager of Theater
Karl Kirchwey, Professor of Creative Writing (on leave semesters I and II)
Mark Evans Lord, Professor and Director of Theater and Chair of the Arts Program
Elizabeth A. Mosier, Lecturer in Creative Writing
Catharine Kevin Slusar, Instructor in Theater
J. C. Todd, Lecturer in Creative Writing
Daniel P. Torday, Visiting Assistant Professor and Director of Creative Writing

Courses in the arts are designed to prepare students who might wish to pursue advanced training in their fields and are also for those who want to broaden their academic studies with work in the arts that is conducted at a serious and disciplined level. Courses are offered at introductory as well as advanced levels.

ARTS IN EDUCATION

ARTA B251 Arts Teaching in Educational and Community Settings

This is a Praxis II course intended for students who have substantial experience in an art form and are interested in extending that experience into teaching and learning at educational and community sites. Following an overview of the history of the arts in education, the course will investigate underlying theories. The praxis component will allow students to create a fluid relationship between theory and practice through observing, teaching and reflecting on arts practices in education contexts. School or community placement 4-6 hours a week. Prerequisite: at least an intermediate level of experience in an art form. This course counts toward the minor in Dance or in Theater.

(Cantor, Division III: Humanities)
Cross-listed as EDUC B251
Not offered in 2010-11.

CREATIVE WRITING

Courses in Creative Writing within the Arts Program are designed for students who wish to develop their skills and appreciation of creative writing in a variety of genres (poetry, prose fiction and nonfiction, playwriting, screenwriting, etc.) and for those intending to pursue studies in creative writing at the graduate level. Any English major may include one Creative Writing course in the major plan. Students may pursue a minor as described below. While there is no existing major in Creative Writing, exceptionally well-qualified students with a GPA of 3.7 or higher in Creative Writing courses completed in the Tri-College curriculum may consider submitting an application to major in Creative Writing through the Independent Major Program after meeting with the Creative Writing Program director. When approved, the independent major in Creative Writing may also be pursued as a double major with another academic major subject.

Minor Requirements

Requirements for the minor in Creative Writing are six units of course work, generally including three beginning/intermediate courses in at least three different genres of creative writing (chosen from ARTW 159, 231, 236, 240, 251, 260, 261, 262, 263, 264, 265, 266, 268, 269) and three electives, including at least one course at the 300 level (ARTW 360, 361, 362, 364, 366, 367, 371, 373, 382), allowing for advanced work in one or more genres of creative writing which are of particular interest to the student. The objective of the minor in Creative Writing is to provide both depth and range, through exposure to several genres of creative writing. Students should consult with the Creative Writing Program director by the end of their sophomore year to submit a plan for the minor in order to ensure admission to the appropriate range of courses.

Concentration in Creative Writing

English majors may elect a three-course concentration in Creative Writing as part of the English major program. Students interested in the concentration must meet with the Creative Writing Program director by the end of their sophomore year to submit a plan for the concentration and must also confirm the concentration with the chair of the English Department.
ARTW B159 Introduction to Creative Writing

This course is for students who wish to experiment with three genres of creative writing: short fiction, poetry and drama. Priority will be given to interested first-year students; additional spaces will be made available to upper-year students with little or no experience in creative writing. Students will write or revise work every week; roughly four weeks each will be devoted to short fiction, poetry, and drama. There will be individual conferences with the instructor to discuss their progress and interests. Half of class time will be spent discussing student work and half will be spent discussing syllabus readings.

(Todd, Division III: Humanities)

ARTW B236 Contemporary Literature Seminar

Surveys the work of literary writers reading in the Creative Writing Program Reading Series. Students will read and discuss at least one work by each of the authors appearing, and whenever possible will meet individually with the authors in class as well as attending their public readings. Authors represented have included poets Lucille Clifton, Derek Walcott and Richard Wilbur, fiction writers E.L. Doctorow and James Salter, and memoirist Patricia Hampl. This is a half-credit course; students may receive credit for either or both semesters. Approximately 15 pages of critical prose writing will be required for each half-credit.

(Kirchwey, Division III: Humanities)
Cross-listed as ENGL B236
Not offered in 2010-11.

ARTW B240 Literary Translation Workshop

Open to creative writing students and students of literature, the syllabus includes some theoretical readings, but the emphasis is practical and analytical, considering parallel translations of certain enduring literary texts as well as books and essays about the art of translation. Literary translation will be considered as a spectrum ranging from Dryden’s “metaphrase” (word-for-word translation) all the way through imitation and adaptation. The course will include class visits by working literary translators. The Italian verbs for “to translate” and “to betray” are neighbors; throughout, the course concerns the impossibility and importance of literary translation.

(Kirchwey, Division III: Humanities)
Cross-listed as COML B240)
Not offered in 2010-11.

ARTW B260 Writing Short Fiction I

An introduction to fiction writing, focusing on the short story. Students will consider fundamental elements of fiction and the relationship of narrative structure, style, and content, exploring these elements in their own work and in the assigned readings in order to develop an understanding of the range of possibilities open to the fiction writer. Weekly readings and writing exercises are designed to encourage students to explore the material and styles that most interest them, and to push their fiction to a new level of craft, so that over the semester their writing becomes clearer, more controlled, and more absorbing.

(Mosier, Torday, Division III: Humanities)

ARTW B264 News and Feature Writing

Students in this class will learn how to develop, report, write, edit and revise a variety of news stories, begin-
ning with the basics of reporting and writing the news and advancing to longer-form stories, including personality profiles, news features and trend stories, and concluding with point-of-view journalism (columns, criticism, reported essays). The course will focus heavily on work published in *The Philadelphia Inquirer* and *The New York Times*. Several working journalists will participate as guest speakers to explain their craft. Students will write stories that will be posted on the class blog, the *English House Gazette*.

(Torday, Division III: Humanities)

**ARTW B265 Creative Nonfiction**

This course will explore the literary expressions of non-fiction writing by focusing on the skills, process and craft techniques necessary to the generation and revision of literary nonfiction. Using the information-gathering tools of a journalist, the analytical tools of an essayist and the technical tools of a fiction writer, students will produce pieces that will incorporate both factual information and first person experience. Readings will include a broad group of writers ranging from E.B. White to Anne Carson, George Orwell to David Foster Wallace, Joan Didion to James Baldwin, among many others.

(Torday, Division III: Humanities)

**ARTW B266 Screenwriting**

An introduction to screenwriting. Issues basic to the art of storytelling in film will be addressed and analyzed: character, dramatic structure, theme, setting, image, sound. The course focuses on the film adaptation; readings include novels, screenplays, and short stories. Films adapted from the readings will be screened. In the course of the semester, students will be expected to outline and complete the first act of an adapted screenplay of their own.

(Doyne, Division III: Humanities)

**ARTW B269 Writing for Children**

In this course, students have the opportunity to write imaginatively for children and young adults. Through reading and in-class discussion, we will examine the specific requirements of the picture book, the chapter book and the young adult novel. This analytical study of classic and contemporary literature will inspire and inform students' creative work through the discoveries they make about style and structure, creating compelling characters, the roles of illustration and page composition in story narration, and the ever-evolving fairy tale. Students will receive guidance for their creative work through in-class exercises, peer review and private conferences with the instructor.

(Mosier, Division III: Humanities)

*Not offered in 2010-11.*

**ARTW B360 Writing Short Fiction II**

An exploration of approaches to writing short fiction designed to strengthen skills of experienced student writers as practitioners and critics. Requires writing at least five pages each week, workshopping student pieces, and reading texts ranging from realist stories to metafictional experiments and one-page stories to the short novella, to explore how writers can work within tight confines. Prerequisite: ARTW 260 or work demonstrating equivalent expertise in writing short fiction. A writing sample of 5-10 pages in length (prose fiction) must be submitted to the Creative Writing Program during the preregistration period to be considered for this course.

(Torday, Division III: Humanities)

**ARTW B361 Writing Poetry II**

While writing a poem a week, according to assignments both formal and strategic, students will read at least six volumes of contemporary poetry, immersing themselves in the pleasurable estrangements and rearrangements of a variety of voices, with the goal of forcing positive changes in their own poems. Students in this course are expected to become not only better writers, but also better critics of their own and each other’s work, and the term grade is determined partly by written work and partly by in-class participation during discussions of syllabus reading and student poems.

(Fried, Division III: Humanities)

**ARTW B362 Playwriting II**

This course challenges students of playwriting to further develop their unique voices and improve their technical skills in writing for the stage. We will examine how great playwrights captivate a live audience through their mastery of character, story and structure. Students will complete bi-weekly playwriting assignments of 10-12 pages and, ultimately, a one-act play of 30-40 pages. Readings include plays by Beckett, Chekhov, Lorraine Hansberry, Ibsen, Arthur Miller, Tennessee Williams, August Wilson and others. Prerequisite: ARTW 262; or suitable experience in directing, acting or playwriting; or submission of a work sample of 10 pages of dialogue.

(Herzog, Division III: Humanities)

Cross-listed as ARTW B362

*Not offered in 2010-11.*

**ARTW B364 Longer Fictional Forms**

An advanced workshop for students with a strong background in fiction writing who want to write longer works: the long short story, novella and novel. Students will write intensively, and complete a long story, novel or novella (or combination thereof) totaling up to 20,000 words. Students will examine the craft of their work and of published prose. Prerequisite: ARTW 260 or proof of interest and ability.

(Torday, Division III: Humanities)
ARTW B366 Writing Memoir II

This course will enable students to complete one or two longer memoirs in the semester. The syllabus readings will focus on book-length memoirs by authors such as Frank Conroy, Patricia Hampl, Kathryn Harrison, Mary McCarthy, Vikram Seth, John Edgar Wideman and Tobias Wolff. Discussions of syllabus reading (part of the syllabus reading will be selected by the students) will alternate with discussions of weekly student writing assignments. Prerequisite: ARTW 263 or work demonstrating equivalent expertise. A memoir or personal essay of 5-10 pages in length must be submitted to the English Department to be considered for this course. (Kirchwey, Division III: Humanities) Not offered in 2010-11.

ARTW B382 Poetry Master Class

Four leading contemporary poets who are also accomplished teachers will each conduct a three-week-long unit in this course. Students will have their poems reviewed by each of the visiting poets, who will also present a public reading of their work. Poet-teachers will include Cornelius Eady, Marilyn Hacker, Mary Jo Salter and Gerald Stern. Prerequisite: ARTW B231 or ARTW B261 (ARTW B361 is also strongly recommended) or equivalent proficiency in writing text-based verse. A writing sample of 5-7 poems must be submitted to the English Department by the end of the Fall 2008 semester to be considered for this course. (Kirchwey, Division III: Humanities) Not offered in 2010-11.

ARTW B403 Supervised Work

Students who have had a Creative Writing Major approved through the Independent Major Program will work with a member of the Creative Writing Program faculty on a semester-long 403 (Independent Study) as a final project their senior year. Highly qualified Creative Writing minors and concentrators may petition the program to complete an independent study, subject to the availability of faculty to supervise such projects. (Staff)

Haverford College currently offers the following courses in creative writing:

ENGLH291 Poetry Writing: A Practical Workshop
ENGLH292 Poetry Writing II: Contemporary Voices
ENGLH293 Fiction Writing: From the Conventional to the Experimental
ENGL H294 Fiction Writing

DANCE

Dance is not only an art and an area of creative impulse and action; it is also a significant and enduring human behavior that can serve as a core of creative and scholarly inquiry within the liberal arts. The Program offers full semester courses in progressive levels of Ballet and Modern and Jazz as well as a full range of technique courses in diverse genres and various traditions. Several performance opportunities are available to students ranging from our Dance Outreach Project, which travels to schools throughout the Philadelphia region, to our Spring Concert for which students work with professional choreographers or reconstructors and perform in our newly renovated theater. We also offer lecture/seminar courses designed to introduce students to dance as a vital area of academic inquiry that examines dance within Western traditions as well as courses that extend or locate themselves beyond those social or theatrical traditions.

Students can take single courses in dance, can minor in dance, or submit an application to major through the independent major program. The core academic curriculum that serves as the basis for our minor or our independent major includes intermediate or advanced technique courses, performance ensembles, dance composition, independent work, and courses in dance research or analysis.

Minor and Major Requirements

Requirements for the dance minor are six units of coursework, three required (ARTD 140, 142, and one credit which may be distributed among the following: 230, 231, 330, 331, or 345) and three electives. Students may choose to emphasize one aspect of the field, but must first consult with the dance faculty regarding their course of study. The major requires eleven courses, drawn primarily from our core academic curriculum and including the above three required courses. The major also requires a senior capstone experience and demonstration of basic writing competency in dance.

Technique Courses

In addition to our core technique courses at the intermediate and advanced levels, the Dance Program offers a full range of dance instruction including introductory level courses in ballet, modern, jazz, African, and conditioning as well as techniques developed from other cultural art and social forms including Flamenco, Classical Indian, Hip-hop, Latin Social dance, and Tap, among others. All technique courses may be taken for Physical Education credit but students may elect, instead, to take intermediate and advanced level courses for academic credit.
ARTD B140 Approaches to Dance: Themes and Perspectives

This course introduces students to dance as a multi-layered, significant and enduring human behavior that ranges from art to play to ritual to politics and beyond. It engages students in the creative, critical and conceptual processes that emerge in response to the study of dance. It also explores the research potential that arises when other areas of academic inquiry, including criticism, ethnology, history and philosophy, interact with dance and dance scholarship. Lectures, discussion, film, video, and guest speakers are included. (Caruso-Haviland, Division III: Humanities)

ARTD B142 Dance Composition I

In this introduction to the art of making dances, an array of compositional tools and approaches is used to evolve and refine choreographic ideas. Basic concepts such as space, phrasing, timing, image, energy, density and partnering are introduced and explored alongside attention to the roles of inspiration and synthesis in the creative process. Improvisation is used to explore choreographic ideas and students learn to help and direct others in generating movement. Discussion of and feedback on weekly choreographic assignments and readings contributes to analyzing and refining choreography. Concurrent attendance in any level technique course is required. (Brick, Division III: Humanities)

ARTD B230 Intermediate Technique: Modern
ARTD B231 Intermediate Technique: Ballet
ARTD B232 Intermediate Technique: Jazz

Intermediate level dance technique courses focus on expanding the movement vocabulary, on introducing movement phrases that are increasingly complex and demanding, and on further attention to motional dynamics and spatial contexts. Students at this level are also expected to begin demonstrating an intellectual and kinesthetic understanding of these technical challenges and their actual performance. Students will be evaluated on their openness and commitment to the learning process, increased understanding of the technique, and demonstration in class of their technical and stylistic progress as articulated within the field. (Goodman, Stortz, Cantor, Laico, Mintzer, Division III: Humanities)

ARTD B240 Dance History I: Roots of Western Theater Dance

This course investigates the historic and cultural forces affecting the development and functions of pre-20th-century dance as well as its relationship to and impact on the development of Western culture. It will consider nontheatrical forms and applications, but will give special emphasis to the development of theatre dance forms. It will also introduce students to the varied forms of historic research and the changing modes of documenting dance and to a view of history not only as a linear progression of events but also as process, change and cultural shift. Lecture, discussion, and audiovisual materials. (Caruso-Haviland, Division III: Humanities)

Not offered in 2010-11.

ARTD B241 Dance History II: A History of Contemporary Western Theater Dance

The study of the history of dance with particular emphasis on its development in the twentieth century as a Theatre Art form within the broader context of both Western and global art and culture. The course investigates the historic and cultural forces that shape both the form and function of dance as well as its reciprocal relationship to or impact on those same forces. Dance will be considered both chronologically and theoretically as cultural, social, aesthetic, and personal phenomena. In addition to lectures and discussion, the course will include film, video, slides, and some movement experiences. (Caruso-Haviland, Division III: Humanities)

Not offered in 2010-11.

ARTD B242 Dance Composition II

This course builds on work accomplished in Composition I and develops an understanding of and skill in the theory and craft of choreography. This includes deepening movement invention skills; exploring form and structure; investigating sources for sound, music, text and language; developing group design; and broadening critical understanding. Students will work on a selected number of projects and will have some opportunity to revise and expand work. Readings and viewings will be assigned and related production problems will be considered. Concurrent attendance in any level technique course is required. (Cantor, Division III: Humanities)

ARTD B250 Performing the Political Body

Artists, activists, intellectuals, and ordinary people have used dance and performance to support political goals and ideologies or to perform social or cultural interventions in the private and public spheres. We will focus on how dance is a useful medium for both embodying and analyzing ideologies and practices of power particularly with reference to gender, class, and ethnicity. In addition to literary, anthropological, and political texts, the course includes introductory group improvisation and performance exercises and an in-class mini-performance project; willingness to research topics and to explore movement or other performance approaches is more important than prior training or experience. (Caruso-Haviland, Division III: Humanities)

Not offered in 2010-11.
ARTD B254 Nation, Gender and Class in Latin American Dance

Social and theatrical dance in Latin America, focusing on salsa, tango and ballet as samples of native, imported and exported forms practiced on the continent. Highlights how dance embodies issues of nationality, class and gender relevant to Latin American countries. Readings, visual media, class discussions and presentations, guest lectures, field trip, and some instruction in salsa/tango. Prerequisite: a Dance academic course or a course in Anthropology, Sociology or Hispanic-American Studies, or permission of the instructor.

(Tome, Division III: Humanities)

Not offered in 2010-11.

ARTD B330 Advanced Technique: Modern
ARTD B331 Advanced Technique: Ballet

Advanced level technique courses continue to expand movement vocabulary and to introduce increasingly challenging movement phrases and repertory. Students are also expected to begin recognizing and incorporating the varied gestural and dynamic markers of styles and genres, with an eye to both developing their facility for working with various choreographic models and for beginning to mark out their individual movement preferences. There is also a continuing emphasis on cultivating the relationship between an intellectual and kinesthetic understanding and command of technical challenges and their actual performance.

(Mintzer, Krensing, Malcolm-Naib, Division III: Humanities)

ARTD B342 Advanced Choreography

Independent study in choreography under the guidance of the instructor. Students are expected to produce one major choreographic work and are responsible for all production considerations. Concurrent attendance in any level technique course is required.

(Cantor, Caruso-Haviland, Division III: Humanities)

ARTD B345 Dance Ensembles

Dance ensembles are offered in Ballet, Modern, Jazz, and African and are designed to offer students significant opportunities to develop dance technique, particularly in relationship to dance as a performance art. Students audition for entrance into individual ensembles. Original works choreographed by faculty or guest choreographers or works reconstructed/restaged from classic or contemporary repertories are rehearsed and performed in concert. This course is suitable for intermediate and advanced level dancers. These and additional ensembles, such as Hip-hop, may be taken, instead, for Physical Education credit.

(Cantor, Interim, Division III: Humanities)

ARTD B390 Senior Project/Thesis

Majors develop, in conjunction with a faculty advisor, a senior capstone experience that is complementary to and will expand and deepen their work and interest thus far. This can range from a significant research or expository paper to a substantial choreographic work that will be supported in a full studio performance. Students who elect to do choreographic or performance work must also submit a portfolio (10 pages) of written work on dance. Work begins in the Fall semester and should be completed by the middle of the Spring semester. One outside evaluator will be invited to offer additional comment.

(Cantor, Caruso-Haviland)

FINE ARTS

Fine arts courses at Bryn Mawr are offered through the Department of Fine Arts at Haverford College. Courses on either campus are offered to students of both colleges with the approval of the respective instructors. Prospective Fine Arts majors should plan their curricula with the major instructor. Throughout their progression, these students should strive to develop a portfolio of artwork showing strength and competence and a sense of original vision and personal direction appropriate for a major or minor candidate.

For major program requirements and course descriptions, see Fine Arts at Haverford College.

MUSIC

The Department of Music is located at Haverford and offers well-qualified students a major and minor in music. For a list of requirements and courses offered, see Music at Haverford.

Music Performance

The following organizations are open to all students by audition. For information on academic credit for these groups, and for private vocal or instrumental instruction, see Music at Haverford.

The Haverford-Bryn Mawr Orchestra, with more than 70 members, rehearses once a week, and concerts are given regularly on both campuses. The annual concerto competition affords one or more students the opportunity to perform with the orchestra in a solo capacity.
The Chamber Music Program is open to all members of the Haverford-Bryn Mawr Orchestra and to pianists who have passed an audition that includes sight reading. Students rehearse once a week on their own, in addition to once-weekly coaching. Performances, rehearsals and coachings are held on both campuses depending on students’ schedules and preferences.

The Haverford-Bryn Mawr Chamber Singers is a select ensemble that demands a high level of vocal ability and musicianship. The group performs regularly on both campuses and in the Philadelphia area. Tours are planned within the United States and abroad.

The Haverford-Bryn Mawr Chorale is a large auditioned chorus that gives concerts with the Haverford-Bryn Mawr Orchestra each year.

The Haverford-Bryn Mawr Women’s Ensemble emphasizes music for women’s voices and trebles and performs several times in the academic year.

Chamber Ensemble Groups are formed within the context of the Chamber Music Seminar (MUSC 215). Performances are held both on and off campus; students have the opportunity to perform in master classes with internationally known chamber musicians.

The Bryn Mawr Chamber Music Society offers extracurricular opportunities for experienced Bryn Mawr and Haverford students, faculty and staff to perform a variety of chamber works in a series of concerts held in the Music Room.

THEATER

The curricular portion of the Bryn Mawr and Haverford Colleges’ Theater Program focuses on the point of contact between creative and analytic work. Courses combine theory (reading and discussion of dramatic literature, history and criticism) and practical work (creative exercises, scene study and performance) to provide viable theater training within a liberal-arts context.

Minor Requirements

Requirements for the minor in Theater are six units of course work, three required (ARTT 150, 251 and 252) and three elective. Students must consult with the Theater faculty to ensure that the necessary areas in the field are covered. Students may submit an application to major in Theater through the independent major program.

Theater Performance

Numerous opportunities exist to act, direct, design and work in technical theater. In addition to the Theater Program’s mainstage productions, many student theater groups exist that are committed to musical theater, improvisation, community outreach, Shakespeare, film and video work, etc. All Theater Program productions are open and casting is routinely blind with respect to race and gender.

ARTT B150 Introduction to Theater

An exploration of a wide range of dramatic works and history of theater through research, analysis and discussion to develop understanding and foundations for a theatrical production.

(Iwasaki, Division III: Humanities)

ARTT B230 Topics in American Drama

Considers American plays of the 20th century, reading major playwrights of the canon alongside other dramatists who were less often read and produced. Will also study later 20th century dramatists whose plays both develop and resist the complex foundation established by canonical American playwrights and how American drama reflects and responds to cultural and political shifts. Considers how modern American identity has been constructed through dramatic performance, considering both written and performed versions of these plays.

(Hemmeter, Division III: Humanities)

Cross-listed as ENGL B230
Not offered in 2010-11.

ARTT B241 Modern Drama

(Lord, Division III: Humanities)

Cross-listed as ENGL B241
Not offered in 2010-11.

ARTT B250 Twentieth-Century Theories of Acting

An introduction to 20th-century theories of acting emphasizing the intellectual, aesthetic, and sociopolitical factors surrounding the emergence of each director's approach to the study of human behavior on stage. Various theoretical approaches to the task of developing a role are applied in workshop and scene study.

(Division III: Humanities)

ARTT B251 Fundamentals of Acting

An introduction to the fundamental elements of acting (scene analysis, characterization, improvisation, vocal and gestural presentation, and ensemble work) through the study of scenes from significant 20th-century dramatic literature.

(Slusar, Division III: Humanities)

ARTT B252 Fundamentals of Technical Theater

A practical, hands-on workshop in the creative process of turning a concept into a tangible, workable end through the physical execution of a design. Exploring
new and traditional methods of achieving a coherent synthesis of all areas of technical production.
(Iwasaki, Division III: Humanities)

**ARTT B253 Performance Ensemble**

An intensive workshop in the methodologies and aesthetics of theater performance, this course is open to students with significant experience in performance. In collaboration with the director of theater, students will explore a range of performance techniques and styles in the context of rehearsing a performance project. Admission to the class is by audition or permission of the instructor. The class is offered for a half-unit of credit.
(Lord, Division III: Humanities)

**ARTT B254 Fundamentals of Theater Design**

An introduction to the creative process of visual design for theater; exploring dramatic context and influence of cultural, social, and ideological forces on theater and examining practical applications of various technical elements such as scenery, costume, and lighting while emphasizing their aesthetic integration.
(Iwasaki, Division III: Humanities)

**ARTT B255 Fundamentals of Costume Design**

Hands-on practical workshop on costume design for performing arts; analysis of text, characters, movement, situations; historical and stylistic research; cultivation of initial concept through materialization and plotting to execution of design.
(Iwasaki, Division III: Humanities)

**ARTT B259 Mask and Puppet Performance and Design**

(Cromie, Division III: Humanities)

**ARTT B262 Playwriting I**

(Herzog, Division III: Humanities)
Cross-listed as ARTW B262

**ARTT B296 Introduction to Medieval Drama**

(Taylor, Division III: Humanities)
Cross-listed as ENGL B296

**ARTT B344 Advanced Theater Design**

A workshop for those who have completed either Fundamentals of Theater Design, Costume Design or Technical Theater Production or have an equivalent experience, for students to explore their specific area of interest. The focus is on translating the theories into concrete designs. Prerequisite: ARTT 252, 254 or 255 or equivalent experience.
(Iwasaki, Division III: Humanities)

**ARTT B351 Acting II**

Builds on the methods learned in ARTT 251, with an emphasis on strategies of preparing short solo performances. In addition to intensive exercises in naturalistic and anti-naturalistic performance techniques, the course provides opportunities for exploration of principles of design, directing, dramaturgy and playwriting as they pertain to specific projects conceived by members of the class. Prerequisite: permission of instructor.
(Slusar, Division III: Humanities)

**ARTT B353 Advanced Performance Ensemble**

An advanced, intensive workshop in theater performance. Students explore a range of performance techniques in the context of rehearsing a performance project, and participate in weekly seminars in which the aesthetic and theatrical principles of the play and production will be developed and challenged. The course may be repeated.
(Lord, Division III: Humanities)

**ARTT B354 Shakespeare on the Stage**

An exploration of Shakespeare's texts from the point of view of the performer. A historical survey of the various approaches to producing Shakespeare from Elizabethan to contemporary times, with intensive scenework culminating in on-campus performances.
(Lord, Division III: Humanities)

**ARTT B356 Endgames: Theater of Samuel Beckett**

An exploration of Beckett's theater work conducted through both reading and practical exercises in performance techniques. Points of special interest include the monologue form of the early novels and its translation into theater, Beckett's influences (particularly silent film) and collaborations, and the relationship between the texts of the major dramatic works and the development of both modern and postmodern performance techniques.
(Lord, Division III: Humanities)
Cross-listed as ENGL B356)

**ARTT B359 Directing for the Stage**

A semiotic approach to the basic concepts and methods of stage direction. Topics explored through readings, discussion and creative exercises include directorial
concept, script analysis and research, stage composition and movement, and casting and actor coaching. Students rehearse and present three major scenes. (Christy, Lord, Division III: Humanities)
Not offered in 2010-11.

**ARTT B362 Advanced Playwriting**
(Herzog, Division III: Humanities)
Cross-listed as ARTW B362
Not offered in 2010-11.

**ARTT B403 Supervised Work**
(Iwasaki, Lord)

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**Astronomy**

Students may complete a major or minor in Astronomy at Haverford College.

**Faculty**

Stephen P. Boughn, Professor (on leave semesters I and II)
Scott Engle, Visiting Instructor
R. Bruce Partridge, Professor Emeritus
Beth Willman, Assistant Professor

The astronomy department’s curriculum is centered on studying the phenomena of the extraterrestrial Universe and on understanding them in terms of the fundamental principles of physics. We emphasize student research with faculty members and upper level courses contain substantial project- and/or research-based investigation. Our department offers two majors: astronomy or astrophysics. Both majors provide substantial training in quantitative reasoning and independent thinking through work in and out of the classroom. The astronomy major is appropriate for students that desire an in-depth education in astronomy that can be applied to a wide-range of career trajectories, but who do not necessarily intend to pursue graduate study in astronomy. The astrophysics major is appropriate for students who wish to pursue the study of astronomy with additional attention to the physical principles that underlie astrophysical phenomena. The depth of the physics training required for a degree in astrophysics will prepare students who wish to pursue a career in astronomy or astrophysics, or to enter graduate study in astronomy or astrophysics. The department also offers a minor in astronomy.

Although a variety of pathways can lead to a major in the department, prospective astronomy or astrophysics majors are advised to study physics (Physics 105 and 106, or 101 and 102, or Bryn Mawr equivalents) beginning in their first year, and to enroll in Astronomy 205/206 and Physics 213/214 in their sophomore year. It is also recommended to take Astronomy/Physics 152 in the second semester of the first year.

The department offers three courses, Astronomy 101a, Astronomy 112, and Astronomy 114b, which can be taken with no prerequisites or prior experience in astronomy. The department also offers a half-credit course, Astronomy/Physics 152, intended for first-year students who are considering a physical science major and wish the opportunity to study some of the most recent developments in astrophysics.
Students may major in astronomy or astrophysics, but not both. Astrophysics majors may not double major in either physics or astronomy, nor can they minor in either physics or astronomy. Astronomy majors may pursue a double major or a minor in physics. A concentration in scientific computing is available for astronomy and astrophysics majors. The department coordinator for this concentration is Beth Willman.

**Major Requirements**
1. Physics 105 (or 101), Physics 106 (or 102), Physics 213, Physics 214.
2. Two mathematics courses; Mathematics 121 and all 200-level or higher mathematics courses can be used to satisfy this requirement.
3. Astronomy 205, Astronomy 206, four 300-level astronomy courses, one of which may be replaced by an upper-level physics course.
4. Astronomy 404, which may be replaced by approved independent research either at Haverford or elsewhere.
5. Written comprehensive examinations.

Bryn Mawr equivalents may be substituted for the non-astronomy courses. Astronomy/Physics 152 is recommended but not required.

**Astrophysics Major Requirements**
1. Physics 105 (or 101), Physics 106 (or 102), Physics 213, Physics 214, Physics 211 (usually taken concurrently with Physics 213).
2. Two mathematics courses. Mathematics 121 and all 200-level or higher mathematics courses can be used to satisfy this requirement.
3. Astronomy 205, Astronomy 206, and any two 300-level astronomy courses.
5. The Senior Seminar, Physics 399, including a talk and senior thesis on research conducted by the student. This research can be undertaken in a 400-level research course with any member of the Physics or Astronomy departments or by doing extracurricular research at Haverford or elsewhere, e.g., an approved summer research internship at another institution. The thesis is to be written under the supervision of both the research advisor and a Haverford advisor if the research advisor is not a Haverford faculty member.

Bryn Mawr equivalents may be substituted for the non-astronomy courses. Astronomy/Physics 152 and Physics 308 are recommended but not required.

**Minor Requirements**
1. Physics 105 (or 101); Physics 106 (or 102)
2. Astronomy 205; Astronomy 206; one 300-level astronomy course.

Astronomy/Physics 152 is recommended but not required.

**Requirements for Honors**
All astronomy and astrophysics majors are regarded as candidates for Honors. For both majors, the award of Honors will be made in part on the basis of superior work in the departmental courses and in certain related courses. For astronomy majors, the award of Honors will additionally be based on performance on the comprehensive examinations, with consideration given for independent research. For astrophysics majors, the award of Honors will additionally be based on the senior thesis and talk.

**ASTR H101 Astronomical Ideas**
Fundamental concepts and observations of modern astronomy, such as the properties of planets, the birth and death of stars, and the properties and evolution of the Universe. Not intended for students majoring in the physical sciences. Lottery: 12 spaces for Freshmen; 20 spaces for Sophomores, Juniors, and Seniors.

(Willman)

**ASTR H152 Freshman Seminar in Astrophysics**
This half-credit course is intended for prospective physical science majors with an interest in recent developments in astrophysics. Topics in modern astrophysics will be viewed in the context of underlying physical principles. Topics include black holes, quasars, neutron stars, supernovae, dark matter, the Big Bang, and Einstein’s relativity theories. **Prerequisite:** Physics 101a or 105a and concurrent enrollment in Physics 102b or 106b (or Bryn Mawr equivalents).

(Willman)

Cross-listed in Physics
Typically offered every Spring.

**ASTR H205 Introduction to Astrophysics I**
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:** Physics 105 and 106 & Math 114 or equivalent.

(Staff)
Typically offered every Fall.
ASTR H206 Introduction to Astrophysics II

 Introduction to the study of: the structure and formation of the Milky Way galaxy; the interstellar medium; the properties of galaxies and their nuclei; and cosmology including the Hot Big Bang model. Prerequisite: Astr 205a and Math 114b or equiv or consent. (Willman)
 Typically offered every Spring.

ASTR H341 Advanced Topics: Observational Astronomy

 Prerequisite: Astronomy 205
 (Willman)
 Typically offered in alternate years.

ASTR H342 Advanced Topics: Modern Galactic Astronomy

 Prerequisite: Astronomy 205 and 206.
 (Willman, Fadely)
 Typically offered in alternate years.

ASTR H404 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: Consent of instructor.
 (Willman)

ASTR H480 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: Astronomy 206.
 (Willman)

Biology

Students may complete a major or minor in Biology. Within the major, students may complete a minor in computational methods, or a concentration in environmental studies or neural and behavioral sciences.

Faculty

Peter D. Brodfuehrer, Professor and Chair, semester II
Monica Chander, Assistant Professor (on leave semesters I and II)
Gregory Keith Davis, Assistant Professor
Tamara L. Davis, Associate Professor and Chair, semester I (on leave semester II)
Wilfred A. Franklin, Instructor and Lab Coordinator
Stephen L. Gardiner, Senior Lecturer
Karen F. Greif, Professor
Paul Grobstein, Professor
Michael W. Sears, Assistant Professor
Michelle W Wien, Lecturer
Rebecca Marie Vandiver, Postdoctoral Fellow in Mathematics and Biology

The programs of the department are designed to introduce students to unifying concepts and broad issues in biology, and to provide the opportunity for in-depth inquiry into topics of particular interest through coursework and independent study. Introductory- and intermediate-level courses examine the structures and functions of living systems at all levels of organization, from molecules, cells and organisms to populations. Advanced courses encourage the student to gain proficiency in the critical reading of research literature, leading to the development, defense and presentation of a senior paper. In addition, there are opportunities for independent research projects with faculty.

Major Requirements

Course requirements for a major in Biology include four quarters of introductory biology, BIOL110-113, six courses at the 200 and 300 level (excluding BIOL 390-398), of which at least three must be laboratory courses; and one senior seminar course (BIOL 390-395, or 398-399). Two semesters of supervised laboratory research, BIOL 401 or 403, may be substituted for one of the required laboratory courses. In addition, two semester courses in general chemistry and three additional semester courses in allied sciences, to be selected from Anthropology, Chemistry, Computer Science, Geology, Mathematics, Physics or Psychology are required for all majors. Selection of the three additional allied science courses must be done in consultation with the student's
major adviser and be approved by the department. Students interested in pursuing graduate studies or medical school are encouraged to take two semesters each of physics and organic chemistry.

Students with a score of 4 or 5 on their Advanced Placement examinations, or equivalent International Baccalaureate scores, will receive divisional credit only; they may not be used for the major in biology. A student wishing to enter biology courses at the 200 level without having taken BIOL 110-113 must pass the departmental placement exam.

Honors
Departmental honors are awarded to students who have distinguished themselves academically or via their participation in departmental activities. Final selection for honors is made by the Biology faculty.

Minor Requirements
A minor in Biology consists of six semester courses in Biology.

Minor in Computational Methods; Concentrations in Environmental Studies and Neural and Behavioral Sciences
The Department of Biology participates with other departments in offering two concentrations within the major: environmental studies and neural and behavioral sciences. A minor in computational methods is available for students interested in computational methods and their applications to biology.

Teacher Certification
The College offers a certification program in secondary teacher education.

Animal Experimentation Policy
Students who object to participating directly in laboratory activities involving the use of animals in a course required for the major are required to notify the faculty member of her or his objections at the beginning of the course. If alternative activities are available and deemed consistent with the pedagogical objectives of the course by the faculty member, then a student will be allowed to pursue alternative laboratory activities without penalty.

BIOL B101 Introduction to Biology I: Molecules to Cells
For post-baccalaureate premedical students only. A comprehensive examination of topics in Mendelian and molecular genetics, development and evolution. Lecture three hours, laboratory three hours a week. (Wien, Division II with Lab)

BIOL B102 Introduction to Biology II: Organisms to Populations
For post-baccalaureate premedical students only. A comprehensive examination of topics in biochemistry, cell biology and physiology. Lecture three hours, laboratory three hours a week. BIOL 101 is strongly recommended. (Wien, Division II with Lab)

BIOL B103 Biology: Basic Concepts
An introduction to the major concepts of modern biology that both underlie and emerge from exploration of living systems at levels of organization ranging from the molecular and biochemical through the cellular and organismal to the ecological. Emphasis is placed on the observational and experimental bases for ideas that are both common to diverse areas of biology and represent important contributions of biology to more general intellectual and social discourse. Topics include the chemical and physical bases of life, cell theory, energetics, genetics, development, physiology, behavior, ecology and evolution. Lecture three hours, laboratory three hours a week. (Grobstein, Franklin, Division II with Lab) Not offered in 2010-11.

BIOL B110 Biological Exploration I
BIOL 110-113 are introductory-level courses, designed to encourage students to explore the field of biology at multiple levels of organization: molecular, cellular, organismal and ecological. Each course will explore these areas of biology through a unifying theme. This year, BIOL 110 will center on the reading of The Immortal Life of Henrietta Lacks by Rebecca Skloot, and will examine its biological concepts and issues. Lecture three hours, laboratory three hours a week. There are no prerequisites for this course. (Greif, Franklin, Division II with Lab)

BIOL B111 Biological Exploration II
BIOL 110-113 are introductory-level courses, designed to encourage students to explore the field of biology at multiple levels of organization: molecular, cellular, organismal and ecological. Each course will explore these areas of biology through a unifying theme. This year, BIOL 111 will investigate the molecular and cellular basis of cystic fibrosis, its inheritance in families and populations, and associated epidemiological and public policy implications. Lecture three hours, laboratory three hours a week. There are no prerequisites for this course. (T. Davis, Franklin, Division II with Lab)
Biology 83

BIOL B112 Biological Exploration III

BIOL 110-113 are introductory-level courses, designed to encourage students to explore the field of biology at multiple levels of organization: molecular, cellular, organismal, and ecological. Each course will explore these areas of biology through a unifying theme. This year, Biology 112 will cover aspects of the genetics, biochemistry, development, physiology, ecology and evolution of skin, along with its associated diseases. Lecture three hours, laboratory three hours a week. There are no prerequisites for this course.

(G. Davis, Franklin, Division II with Lab)

BIOL B113 Biological Exploration IV

BIOL 110-113 are introductory-level courses, designed to encourage students to explore the field of biology at multiple levels of organization: molecular, cellular, organismal, and ecological. Each course will explore these areas of biology through a unifying theme. This year, Biology 113 will examine the proximate and ultimate explanations of ecological case studies that every biologist should know. Lecture three hours, laboratory three hours a week. There are no prerequisites for this course.

(Sears, Franklin, Division II with Lab)

BIOL B201 Genetics

An introduction to heredity and variation, focusing on topics such as classical Mendelian genetics, linkage, and recombination, chromosome abnormalities, population and developmental genetics. Examples of genetic analyses are drawn from a variety of organisms, including bacteria, Drosophila, C. elegans and humans. Lecture three hours. Prerequisites: two quarters of BIOL 110-113 and CHEM 103, 104.

(T. Davis, Division II with Lab)

BIOL B202 Neurobiology and Behavior

An introduction to the attempt to understand behavior in terms of the nervous system. A brief overview of fundamental principles of nervous system structure is followed by consideration of several topics chosen to illustrate how studies of the nervous system illuminate behavior and how studies of behavior contribute to better understanding of the nervous system. Examples cover a wide variety of invertebrate and vertebrate species, including humans. Lecture three hours a week. Prerequisites: two quarters of BIOL 110-113 or permission of instructor.

(Grobstein, Division II: Natural Science)

BIOL B205 Brain, Education and Behavior

A lecture/discussion course exploring intersections between the neural and cognitive sciences and the theory and practice of education, with the aim of generating useful new insights and productive lines of inquiry in both realms. Prerequisite: Some college-level course work in Biology, Psychology or Education; permission of the instructor.

(Grobstein, Division II: Natural Science)

Cross-listed as EDUC B205

BIOL B210 Biology and Public Policy

A lecture/discussion course on major issues and advances in biology and their implications for public policy decisions. Topics discussed include reproductive technologies, genetic screening and gene therapy, environmental health hazards, and euthanasia and organ transplantation. Readings include scientific articles, public policy and ethical considerations, and lay publications. Lecture three hours a week. Prerequisite: two quarters of BIOL 110-113 or equivalent, or permission of instructor.

(Greif, Division II: Natural Science)

BIOL B214 The Historical Roots of Women in Genetics and Embryology

As a more focused version of the course from previous years, we will examine the role that women scientists and technicians played in the development of genetics and embryology from the late-19th to the mid-20th century. The course will look at the work and lives of well known and lesser known individuals, asking how factors such as their educational experiences and mentor relationships played a role in their contributions. One facet of the course will be to look at the Bryn Mawr Biology Department from the founding of the College into the mid-20th century.

(G. Davis, Division II: Natural Science)

BIOL B215 Experimental Design and Statistics

An introductory course in designing experiments and analyzing data. This course is structured to develop students’ understanding of when and how to use different quantitative methods rather than the theory of specific tests. Topics include summary statistics, sampling distributions, randomization, replication, parametric and nonparametric tests, and introductory topics in multivariate and spatial statistics. The course is geared around weekly problem sets and interactive learning. Three hours of lecture/laboratory a week. Prerequisites: two quarters of BIOL 110-113, introductory geology or permission of instructor.

(Staff, Division II and Quantitative Skills)

Not offered in 2010-11.

BIOL B220 Ecology

A study of the interactions between organisms and their environments. The scientific underpinnings of current environmental issues, with regard to human impacts,
are also discussed. Students become familiar with ecological principles and with the methods ecologists use to address tricky ecological issues. Students apply these principles through the design and implementation of experiments both in the laboratory and the field. Lecture three hours a week, laboratory/field investigation three hours a week. There will be optional field trips throughout the semester. Prerequisite: two quarters of BIOL 110-113 or GEOL 103.

(Sears, Division II with Lab)

BIOL B223 The Story of Evolution and the Evolution of Stories

(Dalke, Grobstein, Division II or Division III) Cross-listed as ENGL B223.

BIOL B225 Biology of Plants

In-depth examination of the structures and processes underlying survival, growth, reproduction, competition and diversity in plants. Three hours of lecture a week. Prerequisites: two quarters of BIOL 110-113. (Staff, Division II and Quantitative Skills) Not offered in 2010-11.

BIOL B236 Evolution

A lecture/discussion course on the development of evolutionary thought, generally regarded as the most profound scientific event of the 19th century; its foundations in biology and geology; and the extent of its implications to many disciplines. Emphasis is placed on the nature of evolution in terms of process, product, patterns, historical development of the theory, and its applications to interpretations of organic history. Lecture three hours a week. (Gardinier, Marenco, Division II: Natural Science) Cross-listed as ANTH B236 Cross-listed as GEOL B236

BIOL B244 Behavioral Endocrinology

An interdisciplinary-based analysis of the nature of hormones, how hormones affect cells and systems, and how these effects alter the behavior of animals. Topics will be covered from a research perspective using a combination of lectures, discussions and student presentations. Prerequisites: two quarters of BIOL 110-113 or one of the following courses: B202, PSYC B218 or PSYC H217. (Brodfuehrer, Division II: Natural Science)

BIOL B245 The Brain and Mental Health

A seminar course exploring implications of brain research for thinking about the nature of mental health and existing therapeutic approaches to mental health problems. Participants will read and discuss papers from the professional and semi-popular literature, and write papers that help others make sense of aspects of the brain/mental health interface. (Grobstein, Division II: Natural Science) Cross-listed as GNST B245 Cross-listed as PSYC B245 Not offered in 2010-11.

BIOL B250 Computational Methods in the Sciences

A study of how and why modern computation methods are used in scientific inquiry. Students will learn basic principles of simulation-based programming through hands-on exercises. Content will focus on the development of population models, beginning with simple exponential growth and ending with spatially-explicit individual-based simulations. Students will design and implement a final project from their own disciplines. Six hours of combined lecture/lab per week. (Sears, Division II and Quantitative Skills) Cross-listed as CMSC B250 Cross-listed as GEOL B250

BIOL B255 Microbiology

Invisible to the naked eye, microbes occupy every niche on the planet. This course will examine how microbes have become successful colonizers; review aspects of interactions between microbes, humans and the environment; and explore practical uses of microbes in industry, medicine and environmental management. The course will combine lecture, discussion of primary literature and student presentations. Three hours of lecture per week. Prerequisites: two quarters of BIOL 110-113 or permission of the instructor. (Chander, Division II: Natural Science) Not offered in 2010-11.

BIOL B271 Developmental Biology

An introduction to embryology and the concepts of developmental biology. Concepts are illustrated by analyzing the experimental observations that support them. Topics include gametogenesis and fertilization, morphogenesis, cell fate specification and differentiation, pattern formation, regulation of gene expression, neural development, and developmental plasticity. The laboratory focuses on observations and experiments on living embryos. Lecture three hours, laboratory three scheduled hours a week; most weeks require additional hours outside of the regularly scheduled lab. Prerequisites: two quarters of BIOL 110-113 or permission of instructor. (G. Davis, Division II with Lab)

BIOL B301 Organismal Biology: Vertebrate Structure

A comparative study of major organ systems in different vertebrate groups. Similarities and differences are considered in relation to organ system function and in connection with evolutionary relationships among vertebrate
classes. Laboratory activities emphasize dissection of several vertebrate representatives, but also include examination of prepared microscope slides and demonstrations. Two three-hour lecture/laboratory meetings a week. Prerequisites: two quarters of BIOL 110-113 or equivalent, one 200-level Biology course, and permission of instructor. (Gardiner) Not offered in 2010-11.

**BIOL B303 Animal Physiology**

A comprehensive study of the physical and chemical processes in tissues, organs and organ systems that form the basis of animal function. Homeostasis, control systems and the structural bases of function are emphasized. Laboratories are designed to introduce basic physiological techniques and the practice of scientific inquiry. Lecture three hours, laboratory three hours a week. Prerequisites: two quarters of BIOL 110-113, CHEM 103, 104 and one 200-level biology course. (Brodfuehrer) Not offered in 2010-11.

**BIOL B304 Cell and Molecular Neurobiology**

A problem-based laboratory course in which students investigate cellular and molecular properties of neurons and small networks of neurons using neuron simulations and animal experiments, and through critical reading of the primary literature. Two four-hour laboratory sessions per week. Prerequisites: two quarters of BIOL 110-113, 202, PSYC 218 or PSYC 217 at Haverford. (Brodfuehrer) Not offered in 2010-11.

**BIOL B309 Biological Oceanography**

A comprehensive examination of the principal ecosystems of the world’s oceans, emphasizing the biotic and abiotic factors that contribute to the distribution of marine organisms. A variety of marine ecosystems are examined, including rocky intertidal, and hydrocarbon seeps, with an emphasis on the distinctive characteristics of each system and the assemblage of organisms associated with each system. Lecture three hours, laboratory three hours a week. One required three-day field trip, for which an extra fee is collected, and other occasional field trips as allowed for by scheduling. Prerequisites: two quarters of BIOL 110-113 and one 200-level science course, or permission of instructor. (Gardiner)

BIOL B310 Philosophy of Science

(Krausz, Grobstein, Division III: Humanities) Cross-listed as PHIL B310 Not offered in 2010-11.

**BIOL B313 Integrative Organismal Biology I**

The first semester of a two-semester course focusing on how organisms cope with environmental challenges by investigating the requirements for life at the level of individual cells and multi-cellular organisms, the anatomical and physiological properties of cells, tissues and organ systems, and how these properties allow organisms to interact successfully with their environment. Two three-hour lecture/laboratory sessions per week. Prerequisites: two quarters of BIOL 110-113 and general chemistry. (Brodfuehrer, Gardiner)

**BIOL B314 Integrative Organismal Biology II**

The second semester of Integrative Organismal Biology. Two three-hour lecture/laboratory sessions per week. Prerequisite: BIOL 313 or permission of instructor. (Brodfuehrer, Gardiner)

**BIOL B321 Neuroethology**

This course provides an opportunity for students to understand the neuronal basis of behavior through the examination of how particular animals have evolved neural solutions to specific problems posed to them by their environments. The topics will be covered from a research perspective using a combination of lectures, discussions and student presentations. Prerequisite: BIOL 202, PSYC 218 or PSYC 217 at Haverford. (Brodfuehrer) Not offered in 2010-11.

**BIOL B326 From Channels to Behavior**

Introduces the principles, research approaches, and methodologies of cellular and behavioral neuroscience. The first half of the course will cover the cellular properties of neurons using current and voltage clamp techniques along with neuron simulations. The second half of the course will introduce students to state-of-the-art techniques for acquiring and analyzing data in a variety of rodent models linking brain and behavior. Prerequisites: two quarters of BIOL 110-113 and one of the following: PSYC 218, PSYC 217 at Haverford, or BIOL 202. (Thomas, Brodfuehrer) Cross-listed as PSYC B326

**BIOL B328 Analysis of Geospatial Data Using GIS**

(Fitz-Patrick, Reese) Cross-listed as GEOL B328 Cross-listed as ARCH B328 Cross-listed as CITY B328 Not offered in 2010-11.
BIOL B340 Cell Biology
A lecture course with laboratory emphasizing current knowledge in cell biology. Among topics discussed are cell membranes, cell surface specializations, cell motility and the cytoskeleton, regulation of cell activity, energy generation and protein synthesis. Laboratory experiments are focused on studies of cell structure, making use of techniques in cell culture and immunocytochemistry. Lecture three hours, laboratory four hours a week. Prerequisites: BIOL 201 or 271, CHEM 211, 212 (may be taken concurrently), or permission of instructor. One semester of biochemistry is recommended. (Greif)

BIOL B354 Basic Concepts and Special Topics in Biochemistry
For postbaccalaureate premedical students only. (Staff)

BIOL B361 Emergence
(Blank, Grobstein, Allen)
Cross-listed as CMSC B361
Not offered in 2010-11.

BIOL B375 Integrated Biochemistry and Molecular Biology I
The first semester of a two-semester course that focuses on the structure and function of proteins, carbohydrates, lipids and nucleic acids, enzyme kinetics, metabolic pathways, gene regulation and recombinant DNA techniques. Students will explore these topics via lecture, critical reading and discussion of primary literature and laboratory experimentation. Three hours of lecture, three hours of lab per week. Prerequisite: two quarters of BIOL 110-113 and two semesters of organic chemistry. (Staff, Division II with Lab)

BIOL B376 Integrated Biochemistry and Molecular Biology II
This second semester of a two-semester sequence will continue with analysis of nucleic acids and gene regulation through lecture, critical reading and discussion of primary literature and laboratory experimentation. Three hours of lecture, three hours of lab per week. Prerequisite: BIOL B375 or permission of instructor. (T. Davis, Division II with Lab)
Not offered in 2010-11.

BIOL B390 Senior Seminar in Ecology
A focus on the interactions among organisms and their environments. Students read and discuss current and classic papers from the primary literature. Topics may include biogeographic patterns, population and community dynamics, and ecosystem functioning. We may explore current issues such as global warming, habitat degradation and fragmentation, loss of biodiversity and the introduction of alien species. The effects of these human induced changes on the biota are examined. Students write, defend and publicly present one long research paper. Three hours of class lecture and discussion a week, supplemented by frequent meetings with individual students. Prerequisite: BIOL 220 or permission of instructor. (Sears) Not offered in 2010-11.

BIOL B391 Senior Seminar in Biochemistry
Topics of current interest and significance in biochemistry are examined with critical readings and oral presentations of work from the research literature. In addition, students write, defend and publicly present one long research paper. Three hours of class lecture and discussion a week, supplemented by frequent meetings with individual students. Prerequisites: BIOL 341, 375 or permission of instructor. (Staff)

BIOL B392 Senior Seminar
An advanced course in the study of the organization and function of physiological systems from the molecular level to the organismal level. Specific topics related to the organization and function of physiological systems are examined in detail using the primary literature. In addition, students write, defend and publicly present one long research paper. Three hours of class lecture and discussion a week, supplemented by frequent meetings with individual students. Prerequisite: BIOL 201 or 376, or permission of instructor. (Staff)
Not offered in 2010-11.

BIOL B393 Senior Seminar in Molecular Genetics
This course focuses on topics of current interest and significance in molecular genetics, such as chromatin structure and mechanisms of gene regulation. Students critically read, present and discuss in detail primary literature relevant to the selected topic. In addition, students write, defend and publicly present one long research paper. Three hours of class lecture and discussion a week, supplemented by frequent meetings with individual students. Prerequisite: BIOL 201 or 376, or permission of instructor. (T. Davis)
Not offered in 2010-11.

BIOL B394 Senior Seminar in Evolutionary Developmental Biology
Topics of current interest and significance in evolutionary developmental biology are examined with critical readings and oral presentations of work from the research literature. In addition, students write, defend
and publicly present a research paper based on their readings. Three hours of class lecture and discussion a week, supplemented by frequent meetings with individual students. Prerequisite: BIOL 201, 236 or 271, or permission of instructor.
(G. Davis)

BIOL B395 Senior Seminar: Cellular Biology

Topics focus on the current understanding of the mechanisms of cancer, with emphasis on cell signaling pathways and tumor suppressors. Students read and make critical presentations of papers from the current research literature. In addition, students write, defend and publicly present one long research paper or proposal. Three hours of class lecture and discussion a week, supplemented by frequent meetings with individual students. Prerequisite: BIOL 340 or BIOL 376 or permission of instructor.
(Greif)

Not offered in 2010-11.

BIOL B396 Topics in Neural and Behavioral Science

A seminar course dealing with current issues in the neural and behavioral sciences. It provides advanced students concentrating in neural and behavioral sciences with an opportunity to read and discuss in depth seminal papers that represent emerging thought in the field. In addition, students are expected to make presentations of their own research. Required for those with the concentration.
(Brodfuehrer)
Cross-listed as PSYC B396

BIOL B397 Senior Seminar in Environmental Studies

(Barber, Stroud)
Cross-listed as GEOL B397
Cross-listed as ANTH B397

BIOL B398 Senior Seminar in Science in Society

A seminar that addresses a variety of topics at the interface of biology and society. Students prepare and present a major scholarly work at the end of the semester. Three hours of discussion per week.
(Grobstein)

BIOL B399 Senior Seminar

This seminar provides students with a collaborative forum to facilitate the exchange of ideas and broaden their perspective and understanding of research approaches used in various sub-disciplines of biology. There will be a focus on the presentation, interpretation and discussion of data, and communication of scientific findings to diverse audiences. In addition, students write, defend and publicly present a paper on their supervised research project. Three hours of class discussion each week. Co-requisite: enrollment in the second semester of BIOL403.
(Greif)

BIOL B401 Supervised Research in Neural and Behavioral Sciences

Laboratory or library research under the supervision of a member of the Neural and Behavioral Sciences committee. Required for those with the concentration. Prerequisite: permission of instructor.
(Greif, Grobstein, Brodfuehrer)

BIOL B403 Supervised Laboratory Research in Biology

Laboratory research under the supervision of a member of the department. Prerequisite: permission of instructor.
(Staff)

BIOL B425 Praxis III

(Staff)
Chemistry

Students may complete a major or minor in Chemistry. Within the major, students may complete a minor in computational methods or education. Concentrations in biological chemistry, environmental studies or geochemistry may be completed within the major. Students may complete an M.A. in the combined A.B./M.A. program.

Faculty
Alyssa Anne Bohen, Instructor
Sharon J. Nieter Burgmayer, Professor (on leave semester I)
Michelle Miller Francl-Donnay, Professor
Jonas I. Goldsmith, Assistant Professor
Stephanie Lim, Buecher-Jackson Postdoctoral Fellow
Krynn DeArman Lukacs, Senior Lecturer
William P. Malachowski, Associate Professor (on leave semester II)
Frank B. Mallory, Professor (on leave semesters I and II)
Maryellen Nerz-Stormes, Senior Lecturer
Silvia L. Porello, Lecturer
Susan A. White, Professor and Chair

The undergraduate course program in Chemistry is designed to give students a sound background in both theoretical and practical aspects of four main fields: organic chemistry, physical chemistry, inorganic chemistry and biological chemistry. Furthermore, students may design courses of study that emphasize chemistry’s connections to biology, earth sciences and computer science. Laboratory work is emphasized to provide students with modern training in experimental skills and analytical techniques. The core program, consisting of courses at the 100 level and 200 level, covers fundamental principles of chemistry. This core program provides the basis for advanced work at the 300 level and 400 level, in which students encounter contemporary problems in chemistry and interdisciplinary fields and the progress that is being made toward solving them.

The Department of Chemistry offers several elective courses and half courses at the introductory level for a general audience on such topics as drugs, scientific writing, and art. Students intending to take chemistry courses must take a chemistry placement test. Extraordinarily well-prepared students may start with CHEM 211 or CHEM 104; most students will start with CHEM 103 and some will be placed into CHEM 101.

Major Requirements

The requirements for a standard Chemistry major include the following 11 courses (or their equivalents): CHEM 103, 104, 211, 212, 221, 222, 231, 242, 251 and 252, and any two chemistry courses at the 300 or 500 level. Other required courses are MATH 101, 102 and 201 and PHYS 121/122 or 101/102 (or their equivalents). PHYS 121/122 is the recommended sequence. Students who have completed 101/102, as well as any students planning graduate work in chemistry, should consider taking PHYS 201. All A.B. recipients who complete this program with two semesters of CHEM 403 are certified by the American Chemical Society as having met that society’s high standards for an undergraduate degree in chemistry. This is the program recommended for students intending to pursue graduate studies in chemistry.

Majors are encouraged to take additional chemistry courses at the 300 (or 500) level and at the 400 (research) level beyond the requirements of the standard program. Additional courses in mathematics and other natural sciences can contribute breadth to the chemistry major. Students with a strong interest in an allied field, such as biochemistry, geochemistry, environmental chemistry, computational chemistry or education may elect a minor or concentration in the appropriate field. Upon consultation with major advisers in both fields students may select three of the four core courses, 221, 222, 231 and 242, and appropriate 300-level electives.

A typical schedule for the standard chemistry major involves taking CHEM 103 and 104 and MATH 101/102 in the first year; CHEM 211 and 212, MATH 201, and PHYS 121/122 or 101/102 in the sophomore year; CHEM 221, 222, 231, 242, 251 and 252 in the junior year; and appropriate advanced courses in the senior year. Note that MATH 201 (a fall course) or its equivalent should be completed by the end of the sophomore year. Students contemplating a chemistry major are urged to consult with the major adviser as early as possible. Those planning an interdisciplinary chemistry major should consult advisers in both departments as soon as possible.

Honors

The A.B. degree with honors in chemistry will be awarded to students who complete the major in chemistry and also meet the following further requirements: two semesters of supervised research in chemistry (CHEM 403) with a grade of at least 3.3 in each semester; the submission of an acceptable paper describing the results of that research; an additional semester of work at the 300 level (or 500 level) in chemistry beyond the two
advanced courses required for the standard chemistry major; and a grade point average, calculated at the end of the senior year, of at least 3.7 in all chemistry courses taken.

**Minor Requirements**

A student may qualify for a minor in chemistry by completing a total of 6.5 courses in chemistry, one of which must be either CHEM 221 or 222 with either CHEM 251 or 252. BIOL 375 and 376 may be counted as one of the required six courses. At least two of the six courses must be taken at Bryn Mawr.

**Minor in Computational Methods**

Students may receive an A.B. degree in chemistry with a computational minor by fulfilling the core requirements in chemistry (CHEM 103, 104, 211, 212, 251 and 252) and three courses selected from 221, 222, 231 and 242, two advanced courses including CHEM 322 and CMSC 376, and by completing CMSC 110 or 205, 206, 231 and one of the following: 212, 225, 245, 246, 330, or 340. The courses selected to fulfill this minor must be approved by the major advisers in Chemistry and Computer Science.

**Minor in Education**

Students may receive an A.B. degree in chemistry with an education minor by fulfilling the core requirements in chemistry (CHEM 103, 104, 211, 212, 251 and 252) and three courses selected from 221, 222, 231 and 242, three advanced courses selected from CHEM 403 or electives in chemistry or education, and by completing EDUC 200, 310, 311 and 240 or 250. The courses selected to fulfill this minor must be approved by the major advisers in Chemistry and Education. Of the three advanced courses, at least one must be a chemistry course at or above the 300 level. Interested students are encouraged to investigate the 5th-year certification option offered through the Education Program.

**Concentration in Biological Chemistry**

Students may receive an A.B. degree in chemistry with a concentration in biological chemistry by fulfilling the core requirements in chemistry (CHEM 103, 104, 211, 212, 251 and 252) and three courses selected from 221, 222, 231 and 242, and any two chemistry courses at the 300 or 500 level, including CHEM 345 as one of the two required advanced courses. Students must also complete two semesters of work in biology selected from BIOL 201, 255, or 340, and BIOL 376 or their Haverford equivalents. The two biology courses chosen to fulfill this requirement must be approved by the major adviser.

**Concentration in Environmental Studies**

Students may receive an A.B. degree in chemistry with a concentration in environmental studies by fulfilling the core requirements in chemistry (CHEM 103, 104, 211, 212, 251, 252) and three courses selected from 221, 222, 231 and 242, two advanced courses including a chemistry elective and GEOL 302 or 397, and by completing BIOL 220 and GEOL 103 and one course listed under “Humans in the Environment” and two courses listed under “Planning and Policy”. The courses selected to fulfill this concentration must be approved by the major advisers in Chemistry and Environmental Studies.

**Concentration in Geochemistry**

Students may receive an A.B. degree in chemistry with a concentration in geochemistry by fulfilling the core requirements in chemistry (CHEM 103, 104, 211, 212, 251, 252) and three courses selected from 221, 222, 231 and 242, one advanced course selected from CHEM 322 or 332, and by completing three geology courses selected from GEOL 201, 202, 301 or 302. The courses selected to fulfill this concentration must be approved by the major advisers in Chemistry and Geology.

**A.B./M.A. Program**

To earn an M.A. degree in chemistry in the College’s A.B./M.A. program, a student must complete the requirements for an undergraduate chemistry major and also must complete six units of graduate level work in chemistry. Of these six units, as many as two units may be undergraduate courses at the 300 level taken for graduate credit (these same two courses may be used to fulfill the major requirements for the A.B. degree), at least two units must be graduate seminars at the 500 level, and two units must be graduate research at the 700 level leading to the submission of an acceptable M.A. thesis. Other requirements are a written final examination covering material in the candidate’s special field and an oral examination.

**CHEM B100 The Stuff of Art**

An introduction to chemistry through fine arts, this course emphasizes the close relationship of the fine arts, especially painting, to the development of chemistry and its practice. The historical role of the material in the arts, in alchemy and in the developing science of chemistry, will be discussed, as well as the synergy between these areas. Relevant principles of chemistry will be illustrated through the handling, synthesis and/or transformations of the material. This course does not count towards chemistry major requirements, and is not suitable for premedical programs. Lecture 90 minutes, laboratory three hours a week. Enrollment limited to 20. (Burgmayer, Division II with Lab) Cross-listed as HART B100 Not offered in 2010-11.
CHEM B101 Chemistry Fundamentals

For students with little background in chemistry. Prepares students for CHEM 103 by covering problem-solving techniques, mathematics needed for chemistry, atoms, molecules, chemical structures, chemical reactions and solutions. Depending on interest, there may be a topical focus such as drugs and doses, food and energy, or the environment. The course may include Individual student conferences and electronic resources. Offered in the second half of the Fall and Spring semesters. Enrollment is based on performance on a placement test or permission of the instructor.

(Franci, Porello, Division II: Natural Science)

This is a half-semester, half-credit course.

CHEM B103 General Chemistry I

For students with some background in chemistry. Sections usually have a maximum of 50 students. Topics include aqueous solutions and solubility; the electronic structure of atoms and molecules; radiochemistry. Examples in lecture and laboratory include environmental sciences, material sciences and biological chemistry. Lecture three hours, recitation one hour and laboratory three hours a week. May include individual conferences, evening problem or peer-led instruction sessions. Laboratory is offered Monday, Tuesday, or Wednesday in the Fall, and on Thursday in the Spring.

(Franci, Lukacs, Porello, White, Division II with Lab and Quantitative Skills)

CHEM B104 General Chemistry II

A continuation of CHEM 103. Topics include chemical reactions; introduction to thermodynamics and chemical equilibria; acid-base chemistry; electrochemistry; chemical kinetics. Lecture three hours, recitation one hour and laboratory three hours a week. May include individual conferences, evening problem or peer-led instruction sessions. Prerequisite: CHEM 103 with a grade of at least 2.0.

(Goldsmith, Interim, Lukacs, Porello, Division II with Lab and Quantitative Skills)

CHEM B105 Intimate Interactions Chemical Bonding

This half-semester course will focus on chemical bonding, starting with the simplest bonding models and describing how these develop into more complex bonding models. The aim is to integrate bonding concepts that are currently taught in separate courses to present a unified evolution of bonding theories. Prerequisite: CHEM B104 or equivalent.

(Burgmayer, Division II: Natural Science)

CHEM B116 Drugs and How They Work

An introductory half course exploring fundamental structure-related principles in chemistry through a study of drug action. Prerequisite: CHEM B103 or equivalent or permission of the instructor.

(Malachowski, Division II: Natural Science)

This is a half-semester, half-credit course.

CHEM B125 Writing Science

How does scientific research make its way out of the lab? Science translates from research experience to journals written for the expert and is often translated again for more general audiences—appearing in venues such as newspapers, essays and memoirs. What is gained and what is lost when science is translated?

(Franci-Donnay)

Cross-listed as ARTW B125

This is a half-semester, half-credit course.

CHEM B211 Organic Chemistry I

An introduction to the principles of organic chemistry, including synthetic and spectroscopic techniques. Lecture three hours, recitation one hour and laboratory five hours a week. Prerequisite: CHEM 104 with a grade of at least 2.0.

(Bohen, Nerz-Stormes, Division II with Lab)

CHEM B212 Organic Chemistry II

A continuation of CHEM 211 with an exploration of complex chemical reactions and syntheses utilizing structure-reactivity principles. Lecture three hours, recitation one hour and laboratory five hours a week. Prerequisite: CHEM 211 with a grade of at least 2.0.

(Bohen, Nerz-Stormes, Division II with Lab)

CHEM B221 Physical Chemistry I

Introduction to quantum theory and spectroscopy. Atomic and molecular structure; molecular modeling; rotational, vibrational, electronic and magnetic resonance spectroscopy. Lecture three hours. Prerequisites: CHEM 104, PHYS 121 or 103 and MATH 201. May be taken concurrently with CHEM 211 and PHYS 121 or 103.

(Goldsmith, Division II: Natural Science)

CHEM B222 Physical Chemistry II

Introduction to quantum theory and spectroscopy. Modern thermodynamics, with application to phase equilibria, interfacial phenomena and chemical equilibria; statistical mechanics; chemical dynamics. Kinetic theory of gases; chemical kinetics. Lecture three hours. Prerequisites: CHEM 104, PHYS 122 or 102 and MATH 201. May be taken concurrently with CHEM 212 and PHYS 122 or 102.

(Goldsmith, Division II: Natural Science)
CHEM B231 Inorganic Chemistry
Bonding theory; structures and properties of ionic solids; symmetry; crystal field theory; structures, spectroscopy, stereochemistry, reactions and reaction mechanisms of coordination compounds; acid-base concepts; descriptive chemistry of main group elements. Lecture three hours a week. Prerequisite: CHEM 212.
(Burgmayer, Division II: Natural Science)

CHEM B242 Biological Chemistry
The structure, chemistry and function of amino acids, proteins, lipids, polysaccharides and nucleic acids; enzyme kinetics; metabolic relationships of carbohydrates, lipids and amino acids, and the control of various pathways; protein synthesis. Lecture three hours a week. Prerequisite: CHEM 212.
(White, Division II: Natural Science)

CHEM B251 Research Methodology in Chemistry I
This laboratory course integrates advanced concepts in chemistry from biological, inorganic, organic and physical chemistry. Students will gain experience in the use of departmental research instruments and in scientific literature searches, quantitative data analysis, record-keeping and writing. One hour of lecture and five hours of laboratory per week. Prerequisite: CHEM 212. Corequisite: CHEM 221 or 242. 0.5 credit/semester.
(Franci-Donnay, Malachowski)

CHEM B252 Research Methodology in Chemistry II
This laboratory course integrates advanced concepts in chemistry from biological, inorganic, organic and physical chemistry. Students will gain experience in the use of departmental research instruments and in scientific literature searches, quantitative data analysis, record-keeping and writing. One hour of lecture and five hours of laboratory per week. Prerequisite: CHEM 212. Corequisite: CHEM 222 or 231.
(Porello, White)

CHEM B311 Advanced Organic Chemistry
A survey of the methods and concepts used in the synthesis of complex organic molecules. Lecture three hours a week. Prerequisites: CHEM 212 and 222.
(Malachowski, Division II: Natural Science) Not offered in 2010-11.

CHEM B312 Advanced Organic Chemistry
Principles of physical organic chemistry with emphasis on reaction mechanisms, reactive intermediates and stereochemistry. Lecture three hours a week. Prerequisites: CHEM 212 and 222.
(Mallory, Division II: Natural Science) Not offered in 2010-11.

CHEM B315 Medicinal Chemistry
A survey of topics related to drug discovery including lead discovery, target interactions, structural optimization, drug metabolism, and drug synthesis. The course will engage in an advanced treatment of these topics with particular attention to an understanding of drug design and development on the molecular level. Case studies will be used to illustrate the application of these principles. Discussions may include OxyContin and related opiate analgesics; aspirin and related NSAIDs; penicillin and other antibacterial agents; Tamiflu and related anti-virals; Alzheimer’s disease drugs; and antidepressants. Prerequisites: CHE 212 or the equivalent.
(Malachowski)

CHEM B321 Advanced Physical Chemistry
Topics vary. Prerequisites: CHEM 221 and 222 or permission of the instructor. Lecture/seminar three hours per week.
(Franci-Donnay, Goldsmith, Division II: Natural Science) Not offered in 2010-11.

CHEM B322 Advanced Physical Chemistry
Topics vary. Prerequisites: MATH 201 and at least junior-level standing in a science major or permission of the instructor.
(Franci-Donnay, Division II: Natural Science) Not offered in 2010-11.

CHEM B332 Advanced Inorganic Chemistry
A survey of metals in biology illustrating structural, enzymatic and pharmaceutical applications of transition metals in biological chemistry and including discussion of structural themes and bonding, reaction types, and catalysis. Lecture three hours per week. Prerequisites: CHEM 231 and 242 or permission of the instructor.
(Burgmayer, Division II: Natural Science)

CHEM B345 Advanced Topics in Biological Chemistry (Fall 2010): Nucleic Acids Biochemistry and Applications in Biology
The course introduces students to the biochemistry of DNA and RNA and related cellular metabolism. It also explores novel biotechnological applications in several areas including medical diagnosis and treatment, genetically modified crops, forensics, bioinformatics, and genome sequencing, among others. The course includes oral presentations as well as written assignments.
(Porello, Division II: Natural Science)
CHEM B345 Advanced Topics in Biological Chemistry (Spring 2011): Current Topics in Metabolism

During the first part of the semester, metabolic pathways not covered in CHEM 242 will be covered. Biosynthesis and breakdown of carbohydrates, fats, amino acids, and other molecules will be discussed. Current literature about obesity, diabetes, and other metabolic diseases will be discussed in a seminar format. Students will have problem sets as well as written and oral presentations. Prerequisite: any course in biochemistry. (White, Division II: Natural Science)

CHEM B350 Selected Topics in Current Chemical Research

A combination lecture/seminar course on the physical, structural, chemical, photochemical, mechanistic and spectroscopic properties of novel organic compounds, including oral presentations by students on very recently published research articles. Lecture three hours a week. Prerequisites: CHEM 211-212, CHEM 221-222, and any 300/500 level course in organic, physical, inorganic or biological chemistry. (Guron, Division II: Natural Science) Not offered in 2010-11.

CHEM B403 Supervised Research

Many individual research projects are available, each under the supervision of a member of the faculty. Laboratory at least 10 hours a week. Oral or written presentations are required at the end of each semester. Prerequisite: permission of faculty supervisor. (Burgmayer, Francl-Donnay, Goldsmith, Malachowski, Mallory, White)

Classical and Near Eastern Archaeology

Students may complete a major or minor in Classical and Near Eastern Archaeology.

Faculty

Mehmet-Ali Ataç, Associate Professor (on leave semesters I and II)
A. A. Donohue, Professor
Jean M. Evans, Visiting Assistant Professor
Astrid Lindenlauf, Assistant Professor
Peter Magee, Associate Professor (on leave semester II)
James C. Wright, Professor and Chair

The curriculum of the department focuses on the cultures of the Mediterranean regions and the Near East in antiquity. Courses treat aspects of society and material culture of these civilizations as well as issues of theory, method and interpretation.

Major Requirements

The major requires a minimum of 10 courses. Core requirements are two 100-level courses distributed between the ancient Near East and Egypt and ancient Greece and Rome and two semesters of the senior conference. At least two upper-level courses should be distributed between classical and Near Eastern subjects and one other should concern method and theory in archaeology (ARCH 330 and ANTH 220). Additional requirements are determined in consultation with the major adviser. Additional coursework in subjects related to archaeology may be accepted for major credit; such courses are offered in the Departments of Anthropology, Geology, Greek, Latin and Classical Studies, Growth and Structure of Cities, and History of Art.

Each student's course of study to meet major requirements will be determined in consultation with the undergraduate major adviser in the spring semester of the sophomore year. Students considering majoring in the department are encouraged to take the introductory courses early in their undergraduate career and should also seek advice from departmental faculty. Students who are interested in interdisciplinary concentrations or in study abroad during the junior year are strongly advised to seek assistance in planning their major early in their sophomore year.
Concentration in Geoarchaeology

The Departments of Anthropology, Classical and Near Eastern Archaeology, and Geology offer a concentration in geoarchaeology for existing majors in these departments. Please consult with Professor Magee regarding this program.

Requirements for the concentration:
1. Two 100-level units from Anthropology, Classical and Near Eastern Archaeology or Geology, of which one must be from the department outside the student’s major.
2. ANTH/ARCH/GEOL 270: Geoarchaeology (Magee, Barber).
3. BIOL/ARCH/GEOL 328: Geospatial Data Analysis and GIS (staff).
4. Two elective courses, to be chosen in consultation with the major adviser, from among current offerings in Anthropology, Classical and Near Eastern Archaeology and Geology. One of these two courses must be from outside the student’s major. Suggested courses include but are not limited to ANTH 203 (Human Ecology), ANTH 220 (Methods and Theory), ANTH 225 (Paleolithic Archaeology), ANTH 240 (Traditional Technologies), ARCH 308 (Ceramic Analysis), ARCH 332 (Field Techniques), GEOL 202 (Mineralogy), GEOL 205 (Sedimentology), GEOL 310 (Geophysics), and GEOL 312 (Quaternary Climates).

Honors

Honors are granted on the basis of academic performance as demonstrated by a cumulative average of 3.5 or better in the major.

Independent Research

Majors who wish to undertake independent research, especially for researching and writing a lengthy paper, must arrange with a professor who is willing to advise them, and consult with the major adviser. Such research normally would be conducted by seniors as a unit of supervised work (403), which must be approved by the advising professor before registration.

Minor Requirements

The minor requires six courses. Core requirements are two 100-level courses distributed between the ancient Near East and Egypt and ancient Greece and Rome in addition to four other courses selected in consultation with the major adviser.

Languages

Majors who contemplate graduate study in classical fields should incorporate Greek and Latin into their programs. Those who plan graduate work in Near Eastern or Egyptian may take appropriate ancient languages at the University of Pennsylvania, such as Middle Egyptian, Akkadian and Sumerian. Any student considering graduate study in classical and Near Eastern archaeology should study French and German.

Fieldwork

The department strongly encourages students to gain fieldwork experience and assists them in getting positions on field projects in North America and overseas. The department is undertaking several field projects in which undergraduates may be invited to participate.

Professor Peter Magee conducts a for-credit field school at Muweilah, al-Hamriya and Tell Abraq in the United Arab Emirates. Undergraduate and graduate students in archaeology participate in this project, which usually takes place during the winter break.

Professor James Wright directs the Nemea Valley Archaeological Project in Greece, which concluded all fieldwork in 2010 and is being published. The project continues in study and publication phase.

The department is collaborating with Professor Aslı Özyar (Ph.D., Bryn Mawr College, 1991) of Boğaziçi University in Istanbul, in the Tarsus Regional Project, Turkey, sponsored by Boğaziçi University. This is a long-term investigation of the mound at Gözlü Küle at Tarsus, in Cilicia, which was first excavated by Hetty Goldman, A.B. 1903. Both undergraduate and graduate students in archaeology participate in this project.

Museum Internships

The department is awarded annually two internships by the Nicholas P. Goulandris Foundation for students to work for a month in the Museum of Cycladic Art in Athens, Greece, with an additional two weeks at an archaeological field project. This is an all-expense paid internship for which students may submit an application.

Opportunities to work with the College’s archaeology collections are available throughout the academic year and during the summer. Students wishing to work with the collections should consult Marianne Weldon, Collections Manager for Art and Artifacts.

Study Abroad

A semester of study abroad is encouraged if the program is approved by the department. Students are encouraged to consult with faculty, since some programs the department may approve may not yet be listed at the Office of International Programs. Major credit for courses taken is given on a case-by-case basis after review of the syllabus, work submitted for a grade, and a transcript. Normally credit will not be given for more than one course and not for courses that are ordinarily offered by the department.
ARCH B101 Introduction to Egyptian and Near Eastern Archaeology: Egypt and Mesopotamia

A historical survey of the archaeology and art of the ancient Near East and Egypt. (Evans, Division III: Humanities)

ARCH B102 Introduction to Classical Archaeology

A historical survey of the archaeology and art of Greece, Etruria, and Rome. Three hours of class, one hour of special topics each week. (Donohue, Lindenlauf, Division III: Humanities) Not offered in 2010-11.

ARCH B104 Archaeology of Agricultural and Urban Revolutions

From Egypt to India This course examines the archaeology of the two most fundamental changes that have occurred in human society in the last 12,000 years, agriculture and urbanism, and we explore these in Egypt and the Near East as far as India. We also explore those societies that did not experience these changes. (Magee, Division III: Humanities) Cross-listed as CITY B104 Not offered in 2010-11.

ARCH B105 Introduction to Greek Art and Archaeology

This course examines the visual arts and material culture of the ancient Greek world, and reviews past and present approaches to archaeological and art historical research in the area. We will focus on the time span of roughly 1,000 years from the so-called Dark Age through the Archaic, Classical, and Hellenistic periods, circa 1100 to 31 B.C.E. Proceeding more or less in chronological order, we will explore major excavated sites, such as Athens, Delphi, Olympia, and Pergamon, and discuss key examples of architecture, sculpture, painting, mosaics, and portable arts as documents of social, religious, and cultural history. (Lindenlauf, Division III: Humanities) This is a half-semester, half-credit course.

ARCH B106 Introduction to Roman Art and Archaeology

From its emergence in central Italy in the 8th century B.C.E., Rome developed into an empire extending from western Europe through the Near East. This course surveys Roman material culture through the 4th century C.E. Emphasis is on the interpretation of monuments and artifacts in historical and social context. (Donohue, Division III: Humanities) This is a half-semester, half-credit course.

ARCH B110 The World Through Classical Eyes

A survey of the ways in which the ancient Greeks and Romans perceived and constructed their physical and social world. The evidence of ancient texts and monuments will form the basis for exploring such subjects as cosmology, geography, travel and commerce, ancient ethnography and anthropology, the idea of natural and artificial wonders, and the self-definition of the classical cultures in the context of the aikoumene, the “inhabited world.” (Donohue, Division III: Humanities) Cross-listed as CITY B110 Cross-listed as CSTS B110

ARCH B115 Classical Art

An introduction to the visual arts of ancient Greece and Rome from the Bronze Age through Late Imperial times (circa 3000 B.C.E. to 300 C.E.). Major categories of artistic production are examined in historical and social context, including interactions with neighboring areas and cultures; methodological and interpretive issues are highlighted. (Donohue, Division III: Humanities) Cross-listed as CITY B115 Cross-listed as CSTS B115 Cross-listed as HART B115 Not offered in 2010-11.

ARCH B120 The Archaeology, Anthropology and Sociology of Rubbish

This course aims to introduce students to a range of approaches to the study of disposal practices in past and present societies. Particular attention will be paid to the interpretation of spatial disposal patterns, the power of dirty waste) to create boundaries and difference, and types and motivations of recycling. (Lindenlauf, Division III: Humanities) Not offered in 2010-11.

ARCH B125 Classical Myths in Art and in the Sky

This course explores Greek and Roman mythology using an archaeological and art historical approach, focusing on the ways in which the traditional tales of the gods and heroes were depicted, developed and transmitted in the visual arts such as vase painting and architectural sculpture, as well as projected into the natural environment. (Lindenlauf, Division III: Humanities) Cross-listed as CSTS B125 Cross-listed as HART B125 Not offered in 2010-11.
ARCH B130 The Bronze Age

This short course is about the notion of the Bronze Age and its archaeological manifestation in the Aegean, Eastern Mediterranean and the Near East. It explores the notion that the discovery of metals and the development of metallurgy spurred the formation of “metal economies,” which led to the expansion of civilizations in the 3rd and 2nd millennia B.C.E.

(Wright, Division III: Humanities)
This is a half-semester, half-credit course.

ARCH B135 Archaeological Fieldwork and Methods

In this short course, students will learn the fundamentals of the practice of archaeology through readings and case studies and participatory demonstrations. The course is based on a well-known up-to-date introductory text in archaeology. Case studies will be drawn from the archives of the Nemea Valley Archaeological Project and material in the College’s collections. Each week there will be a 2-hour laboratory that will introduce students to a variety of fieldwork methods and forms of analysis.

(Wright)
This is a half-semester, half-credit course.

ARCH B160 Daily Life in Ancient Greece and Rome

The often-praised achievements of the classical cultures arose from the realities of day-to-day life. This course surveys the rich body of archaeological and literary evidence pertaining to how ancient Greeks and Romans—famous and obscure alike—lived and died. Topics include housing, food, clothing, work, leisure and family and social life.

(Donohue, Division III: Humanities)
Cross-listed as CITY B160
Cross-listed as CSTS B160
Not offered in 2010-11.

ARCH B203 Ancient Greek Cities and Sanctuaries

A study of the development of the Greek city-states and sanctuaries. Archaeological evidence is surveyed in its historic context. The political formation of the city-state and the role of religion is presented, and the political, economic, and religious institutions of the city-states are explored in their urban settings. The city-state is considered as a particular political economy of the Mediterranean and in comparison to the utility of the concept of city-state in other cultures.

(Wright, Division III: Humanities)
Cross-listed as CITY B203

ARCH B205 Greek Sculpture

One of the best-preserved categories of evidence for ancient Greek culture is sculpture. The Greeks devoted immense resources to producing sculpture that encompassed many materials and forms and served a variety of important social functions. This course examines sculptural production in Greece and neighboring lands from the Bronze Age through the fourth century B.C.E. with special attention to style, iconography and historical and social context.

(Donohue, Division III: Humanities)
Cross-listed as HART B204
Not offered in 2010-11.

ARCH B206 Hellenistic and Roman Sculpture

This course surveys the sculpture produced from the fourth century B.C.E. to the fourth century C.E., the period beginning with the death of Alexander the Great that saw the transformation of the classical world through the rise of Rome and the establishment and expansion of the Roman Empire. Style, iconography, and production will be studied in the contexts of the culture of the Hellenistic kingdoms, the Roman appropriation of Greek culture, the role of art in Roman society, and the significance of Hellenistic and Roman sculpture in the post-antique classical tradition.

(Donohue, Division III: Humanities)
Cross-listed as HART B206

ARCH B209 Aegean Archaeology

The prehistoric cultures of the Aegean area beginning with the origins of agriculture (circa 6500 B.C.E.) and ending with the end of the Late Bronze Age (circa 1100 B.C.E.) with a focus on the palaces of Crete (Knossos, Phaistos, Mallia), Troy, the Aegean Islands (Akrotiri on Thera), and Mycenaean Greece (Mycenae, Tiryns, Thebes, Athens, Pylos).

(Wright, Division III: Humanities)

ARCH B220 Araby the Blest: The Archaeology of the Arabian Peninsula from 3000 to 300 B.C.E.

A survey of the archaeology and history of the Arabian peninsula focusing on urban forms, transport, and cultures in the Arabian peninsula and Gulf and their interactions with the world from the rise of states in Mesopotamia down to the time of Alexander the Great.

(Magee, Division III: Humanities)

ARCH B224 Women in the Ancient Near East

A survey of the social position of women in the ancient Near East, from sedentary villages to empires of the first millennium B.C.E. Topics include critiques of traditional concepts of gender in archaeology and theories of matriarchy. Case studies illustrate the historicity of gender concepts: women’s work in early village societies; the meanings of Neolithic female figurines; the representation of gender in the Gilgamesh epic; the institution of the “Tawananna” (queen) in the Hittite empire; the indirect power of women such as Semiramis in the Neo-Assyrian palaces. Reliefs, statues, texts and more indirect
archaeological evidence are the basis for discussion.
(Magee, Division III: Humanities)
Not offered in 2010-11.

ARCH B226 Archaeology of Anatolia

One of the cradles of civilization, Anatolia witnessed the rise and fall of many cultures and states throughout its ancient history. This course approaches the ancient material remains of pre-classical Anatolia from the perspective of Near Eastern archaeology, examining the art, artifacts, architecture, cities, and settlements of this land from the Neolithic through the Lydian periods. Some emphasis will be on the Late Bronze Age and the Iron Age, especially phases of Hittite and Assyrian imperialism, Late Hittite states, Phrygia, and the Urartu.

(Ataç, Division III: Humanities)
Not offered in 2010-11.

ARCH B228 The Archaeology of Iran: From the Neolithic to Alexander the Great

Examines the archaeology of Iran and its eastern neighbors from circa 8000 B.C.E. to the coming of Alexander at the end of the fourth century B.C.E. Focus on the emergence of agriculture and urbanism and the appearance of the Achaemenid Empire, examined in the light of contacts with states in Mesopotamia and South Asia and the abilities of the ancient inhabitants of Iran to exploit their environment.

(Magee)
Not offered in 2010-11.

ARCH B234 Picturing Women in Classical Antiquity

We investigate representations of women in different media in ancient Greece and Rome, examining the cultural stereotypes of women and the gender roles that they reinforce. We also study the daily life of women in the ancient world, the objects that they were associated with in life and death and their occupations.

(Lindenlauf, Division III: Humanities)
Cross-listed as CSTS B234
Cross-listed as HART B234
Not offered in 2010-11.

ARCH B236 The Archaeology of Syria

Recent excavations in Syria have contributed important data to the major issues in ancient Near Eastern archaeology, including the onset of agriculture, the emergence of social stratification, and the rise of urbanism and empire. From the Palaeolithic period to the end of the Iron Age (circa 16,000-300 B.C.E.), this course will present the material culture of Syria and its parallels in neighboring regions.

(Evans, Division III: Humanities)

ARCH B240 Archaeology and History of Ancient Mesopotamia

A survey of the material culture of ancient Mesopotamia, modern Iraq, from the earliest phases of state formation (circa 3500 B.C.E.) through the Achaemenid Persian occupation of the Near East (circa 331 B.C.E.). Emphasis will be on art, artifacts, monuments, religion, kingship, and the cuneiform tradition. The survival of the cultural legacy of Mesopotamia into later ancient and Islamic traditions will also be addressed.

(Evans, Division III: Humanities)

ARCH B244 Great Empires of the Ancient Near East

A survey of the history, material culture, political and religious ideologies of, and interactions among, the five great empires of the ancient Near East of the second and first millennia B.C.E.: New Kingdom Egypt, the Hittite Empire in Anatolia, the Assyrian and Babylonian Empires in Mesopotamia, and the Persian Empire in Iran.

(Ataç, Division III: Humanities)
Cross-listed as CITY B244
Cross-listed as HIST B244
Cross-listed as POLS B244
Not offered in 2010-11.

ARCH B245 The Archaeology of Water

This course examines the distribution of water throughout the Middle East and Mediterranean and the archaeology of water exploitation and management over the last 12,000 years. Recent anthropological models that challenge the concept of “hydraulic civilization” are emphasized as are contemporary attempts to revive traditional and ancient technologies to preserve and better manage modern water resources.

(Magee)

ARCH B252 Pompeii

Introduces students to a nearly intact archaeological site whose destruction by the eruption of Mt. Vesuvius in 79 C.E. was recorded by contemporaries. The discovery of Pompeii in the mid-1700s had an enormous impact on 18th- and 19th-century views of the Roman past as well as styles and preferences of the modern era. Informs students in classical antiquity, urban life, city structure, residential architecture, home decoration and furnishing, wall painting, minor arts and craft and mercantile activities within a Roman city.

(Staff, Division III: Humanities)
Cross-listed as CITY B259
Not offered in 2010-11.

ARCH B255 Show and Spectacle in Ancient Greece and Rome

Sport and spectacle in ancient Greece and Rome and how they compare to the institutions of education and
sport in modern society. Topics are the Olympic games and other sanctuaries with athletic competitions, the built structures for athletics (stadium, gymnasium, baths, amphitheaters, circuses, and hippodrome) and spectacles, such as gladiatorial combat. (Baertschi, Scott, Wright, Division III: Humanities)

Cross-listed as CSTS B255
Cross-listed as CITY B260
Not offered in 2010-11.

**ARCH B268 Greek and Roman Architecture**

The course will introduce the structure of Greek and Roman cities and sanctuaries, the variety of building types and monuments found within them, and how local populations used and lived in the architectural environment of the classical world. (Staff)

Cross-listed as CITY B268
Cross-listed as HART B268
Not offered in 2010-11.

**ARCH B270 Geoarchaeology**

Societies in the past depended on our human ancestors’ ability to interact with their environment. Geoarchaeology analyzes these interactions by combining archaeological and geological techniques to document human behavior while also reconstructing the past environment. Course meets twice weekly for lecture, discussion of readings and hands on exercises. Prerequisite: one course in anthropology, archaeology or geology. (Barber, Magee)

Cross-listed as ANTH B270
Cross-listed as GEOL B270
Not offered in 2010-11.

**ARCH B274 Bioarchaeology**

(Rhodes)

Cross-listed as ANTH B274
Not offered in 2010-11.

**ARCH B301 Greek Vase-Painting**

This course is an introduction to the world of painted pottery of the Greek world, from the 10th to the 4th centuries B.C.E. We will interpret these images from an art-historical and socio-economic viewpoint. We will also explore how these images relate to other forms of representation. Prerequisite: one course in classical archaeology or permission of instructor. (Lindenlauf, Division III: Humanities)

**ARCH B303 Classical Bodies**

An examination of the conceptions of the human body evidenced in Greek and Roman art and literature, with emphasis on issues that have persisted in the Western tradition. Topics include the fashioning of concepts of male and female standards of beauty and their implications; conventions of visual representation; the nude; clothing and its symbolism; the athletic ideal; physiognomy; medical theory and practice; the visible expression of character and emotions; and the formulation of the “classical ideal” in antiquity and later times. (Donohue, Division III: Humanities)

Cross-listed as HART B305

**ARCH B305 Ancient Athens: Acropolis**

This course is an introduction to the Acropolis of Athens, perhaps the best-known acropolis in the world. We will explore its history, understand and interpret specific monuments and their sculptural decoration and engage in more recent discussions, for instance, on the role the Acropolis played in shaping the Hellenic identity. (Lindenlauf, Division III: Humanities)

Cross-listed as CITY B305
Not offered in 2010-11.

**ARCH B308 Ceramic Analysis**

Pottery is a fundamental means of establishing the relative chronology of archaeological sites and of understanding past human behavior. Included are theories, methods and techniques of pottery description, analysis and interpretation. Topics include typology, seriation, ceramic characterization, production, function, exchange and the use of computers in pottery analysis. Laboratory work on pottery in the department collections. Prerequisite: permission of instructor. (Magee)

Not offered in 2010-11.

**ARCH B312 The Eastern Mediterranean in the Late Bronze Age**

This course will cover economic and cultural interactions among the Levant, Cyprus, Anatolia, Egypt, and the Aegean. We will study the politics and powers in the Eastern Mediterranean circa 1500 to 1100 B.C.E.—the Egyptian and Hittite empires, the Mitanni, Ugarit and Syro-Palestinian polities, Cyprus and the Mycenaean. Topics include: metallurgy, mercantile systems, seafaring, the Sea Peoples, systems collapse, and interpretive issues when working with archaeological and historical sources. (Wright, Division III: Humanities)

**ARCH B322 The Archaeology of the Roman Empire**

An examination of the growth of the Roman Republic into the Roman Empire at its height, from its acquisitions of the Hellenistic kingdoms (second and first centuries, B.C.E.) to its domination of Europe, North Africa and the Near East. (Staff)

Not offered in 2010-11.
ARCH B323 On the Trail of Alexander the Great
This course explores the world of Alexander the Great and the Hellenistic world on the basis of a variety of sources. Particular focus is put on the material culture of Macedonia and Alexander’s campaigns that changed forever the nature and boundaries of the Greek world. Prerequisite: a course in classical archaeology or permission of the instructor.
(Lindenlauf, Division III: Humanities)
Not offered in 2010-11.

ARCH B328 Analysis of Geospatial Data Using GIS
(Staff)
Cross-listed as GEOL B328
Cross-listed as BIOL B328
Cross-listed as CITY B328

ARCH B330 Archaeological Theory and Method
An historical introduction to archaeological theory and methods. Topics: archaeology’s origins in the Renaissance; the formation of archaeology and geology and social scientific approaches to the human past; competing philosophies of knowledge, phenomenology and postmodern constructions of knowledge.
(Wright, Division III: Humanities)
Not offered in 2010-11.

ARCH B342 Greek Architectural Sculpture
This course examines in depth a large and important body of remains from the Archaic, Classical and Hellenistic periods, that puts the sculpture in its architectural and cultural contexts, allowing study of original examples of Greek art that are couched in a relatively well established chronology.
(Staff, Division III: Humanities)
Not offered in 2010-11.

ARCH B352 Ancient Egyptian Architecture: The New Kingdom
A proseminar that concentrates on the principles of ancient Egyptian monumental architecture with an emphasis on the New Kingdom. The primary focus of the course is temple design, but palaces, representative settlements, and examples of Graeco-Roman temples of the Nile Valley will also be dealt with.
(Ataç, Division III: Humanities)
Not offered in 2010-11.

ARCH B355 Archaeology of the Achaemenid Empire in Cross Cultural Context
The Achaemenid Empire (538-332 B.C.E.) ruled the largest landmass of any of the ancient Near Eastern Empires. Attempts by archaeologists to understand the manner in which authority was asserted over this area have suffered from a reliance on biased historical sources, largely from the Classical World. This course uses archaeological data to re-examine the Achaemenid Empire in a global context. This data is examined through a methodological framework that emphasizes comparative studies of ancient and more recent Empires in Africa, the Americas, South Asia, and the Mediterranean.
(Magee)

ARCH B359 Topics in Classical Art and Archaeology
A research-oriented course taught in seminar format, treating issues of current interest in Greek and Roman art and archaeology. Prerequisites: 200-level coursework in some aspect of classical or related cultures, archeology or art history.
(Donohue, Division III: Humanities)
Cross-listed as CSTS B359
Cross-listed as HART B358
Not offered in 2010-11.

ARCH B369 Topics in Medieval History
(Truitt, Schwartz, Division III: Humanities)
Cross-listed as HIST B369
Cross-listed as CSTS B369
Not offered in 2010-11.

ARCH B398 Senior Seminar
A weekly seminar on common topics with assigned readings and oral and written reports.
(Lindenlauf)

ARCH B399 Senior Seminar
A weekly seminar on common topics with assigned readings and oral and written reports.
(Donohue)

ARCH B403 Supervised Work
(Staff)

ARCH B425 Praxis III: Independent Study
(Staff)
Comparative Literature

Students may complete a major or minor in Comparative Literature.

Directors
Azade Seyhan, at Bryn Mawr College
Israel Burshatin, at Haverford College

Advisory Faculty at Bryn Mawr
Elizabeth C. Allen, Russian (on leave semester II)
Francis Higginson, French and Francophone Studies
Pauline Lin, East Asian Studies (on leave semester I)
Hoang Tan Nguyen, English
Maria C. Quintero, Spanish
Roberta Ricci, Italian (on leave semesters I and II)
Lisa Saltzman, History of Art
Azade Seyhan, German and German Studies (on leave semester II)

Advisory Faculty at Haverford College
Israel Burshatin, Comparative Literature and Spanish
Roberto Castillo-Sandoval, Spanish
Maud McInerney, English
Jerry Miller, Philosophy
Deborah Roberts, Classics
Ulrich Schoenherr, German
David Sedley, French
Travis Zadeh, Religion

The study of Comparative Literature situates literature in an international perspective; examines transnational cultural connections through literary history, literary criticism, critical theory, and poetics; and works toward a nuanced understanding of the socio-cultural functions of literature. The structure of the program allows students to engage in such diverse areas of critical inquiry as East-West cultural relations, global censorship and human rights, diaspora studies, film history and theory, and aesthetics of modernity. Therefore, interpretive methods from other disciplines also play a role in the comparative study of literature; among these are anthropology, ethnology, philosophy, history, history of art, religion, classical studies, area studies (Africana studies, Middle Eastern studies, Latin American studies, among others), gender studies, and other arts.

Comparative Literature students are required to have a reading knowledge of at least one foreign language adequate to the advanced study of literature in that language. Some Comparative Literature courses may require reading knowledge of a foreign language as a prerequisite for admission. Students considering graduate work in Comparative Literature should also study a second foreign language.

Major Requirements
Requirements for the Comparative Literature major are COML 200: Introduction to Comparative Literature (normally taken in the sophomore year); six literature courses at the 200 level or above, balanced between two literature departments (of which English may be one)—at least two of these (one in each national literature) must be at the 300 level or above, or its equivalent as approved in advance by the adviser; one course in critical theory; two electives; COML 398: Theories and Methods in Comparative Literature and 399: Senior Seminar in Comparative Literature.

Honors
Students who, in the judgment of the advisory committee, have done distinguished work in their courses and in the senior seminar will be considered for departmental honors.

Minor Requirements
Requirements for the minor are COML 200 and 398, plus four additional courses—two each in the literature of two languages. At least one of these four courses must be at the 300 level. Students who minor in comparative literature are encouraged to choose their national literature courses from those with a comparative component.

Both majors and minors are encouraged to work closely with the chairs and members of the advisory committee in shaping their programs.

COML B200 Introduction to Comparative Literature
This course explores a variety of approaches to the comparative or transnational study of literature through readings of several kinds: texts from different cultural traditions that raise questions about the nature and function of storytelling and literature; texts that comment on, respond to, and rewrite other texts from different historical periods and nations; translations; and readings in critical theory.
(Quintero, Division III: Humanities)

COML B202 Culture and Interpretation
(Krausz, Division III: Humanities)
Cross-listed as PHIL B202
Not offered in 2010-11.
COML B209 Introduction to Literary Analysis: Philosophical Approaches to Criticism

Designated theory course. An introduction to various methods of reading the literary text from the perspective of critical methods informed by philosophical ideas. In their quest for self-understanding and knowledge, literature and philosophy share similar forms of inquiry and imaginative modeling. Selected literary texts and critical essays focus on questions of language, translation, understanding, and identity in their relation to history, epistemology, ethics, and aesthetics. One of the main objectives of the course is to provide students with the critical tools necessary for an informed reading of texts. (Seyhan, Division III: Humanities)
Cross-listed as GERM B209
Cross-listed as PHIL B209
Not offered in 2010-11.

COML B211 Primo Levi, the Holocaust and Its Aftermath

(Patruno, Division III: Humanities)
Cross-listed as ITAL B211
Cross-listed as HEBR B211

COML B212 Borges y sus lectores

(Sacerio-Gari, Division III: Humanities)
Cross-listed as SPAN B211
Not offered in 2010-11.

COML B213 Theory in Practice: Critical Discourses in the Humanities

Designated theory course.
(Higginson, Division III: Humanities)
Cross-listed as FREN B213
Cross-listed as GERM B213
Cross-listed as HART 213
Cross-listed as PHIL B253

COML B220 Writing the Self

(Conybeare, Division III: Humanities)
Cross-listed as CSTS B220

COML B222 Aesthetics: The Nature and Experience of Art

Designated theory course.
(Krausz, Division III: Humanities)
Cross-listed as PHIL B222
Not offered in 2010-11.

COML B223 Topics In German Cultural Studies

(Kenosian, Division III: Humanities)
Cross-listed as GERM B223
Cross-listed as HART B223
Not offered in 2010-11.

COML B229 Movies and Mass Politics

(Tratner, Division III: Humanities)
Cross-listed as ENGL B229
Not offered in 2010-11.

COML B231 Cultural Profiles in Modern Exile

This course is a critical introduction to the anthropological, philosophical, psychological, and, most importantly, literary aspects of modern exile. It investigates exile as the defining experience and metaphor of modernity and examines the dialectical relationship between imagined/remembered homelands and transnational identities and between language loss and bi- and multilingualism. Readings by Meena Alexander, Gloria Anzaldúa, Julia Alvarez, Ana Castillo, Assia Djebar, Eva Hoffman, Milan Kundera, Amin Maalouf, E.S. Özdamar, Zadie Smith, among others. (Seyhan, Division III: Humanities)
Cross-listed as GERM B231
Cross-listed as ANTH B231
Not offered in 2010-11.

COML B234 Postcolonial Literature in English

(Tratner, Division III: Humanities)
Cross-listed as ENGL B234
Not offered in 2010-11.

COML B238 History of Cinema: 1895-1945 Silent Film: From United States to Soviet Russia and Beyond

(Harte, Division III: Humanities)
Cross-listed as ENGL B238
Cross-listed as HART B238
Cross-listed as RUSS B238

COML B240 Literary Translation Workshop

(Kirchwey, Division III: Humanities)
Cross-listed as ARTW B240
Not offered in 2010-11.

COML B245 Interdisciplinary Approaches to German Literature and Culture

(Seyhan Division III: Humanities)
Cross-listed as GERM B245
Not offered in 2010-11.

COML B248 Reception of Classical Literature in the Hispanic World

(Barrenechea, Division III: Humanities)
Cross-listed as CSTS B248
Cross-listed as SPAN B248
COML B251 Romantic Prose Fiction

This seminar studies representative works of Romantic poetry’s “poor relation”—prose fiction. Readings include novels from England, France, Germany and Russia, such as *Frankenstein*, *A Hero of Our Time*, *The Red and the Black*, *The Sorrows of Young Werther* and *Wuthering Heights*, as well as short stories. Discussions include such topics as national varieties of Romanticism, the Romantic ideals of nature, love and the self, and the impact of the revolutionary era on art. Illustrative examples of Romantic painting and music are also considered. All readings and discussions in English.

(Allen, Division III: Humanities)

*Not offered in 2010-11.*

COML B252 The Art of Athletics: Modern Sport in 20th Century Culture

This course, drawing upon a range of artistic media—literature, painting, and cinema—from the United States, Western Europe and Russia, explores how artists throughout the 20th century celebrated the beauty and vigorous spirit of athletics. Course discussion will focus on artists’ use of sports to probe issues of gender, race, class, and ideology.

(Harte, Division III: Humanities)

*Not offered in 2010-11.*

COML B257 The Realist Novel Revisited

This seminar undertakes the study of a deceptively simple cultural and literary historical concept—realism—by closely reading well-known 19th-century novels by George Eliot, Gustave Flaubert, Theodor Fontane, Henry James, Stendhal, Leo Tolstoy and Ivan Turgenev, all of which have traditionally been placed within realism’s parameters. Critical essays exploring the nature of realism, either in general or in a particular author’s works, are also discussed. The ethical implications of the realist enterprise and, more broadly, the possible relations between art and life receive special scrutiny.

(Allen, Division III: Humanities)

COML B260 Ariel/Caliban y el discurso americano

(Sacerio-Gari, Division III: Humanities)

Cross-listed as SPAN B260

COML B261 The Russian Anti-Novel

(Allen, Division III: Humanities)

Cross-listed as RUSS B261

*Not offered in 2010-11.*

COML B265 The Islamic Literary Tradition

(Staff, Division III: Humanities)

Cross-listed as GNST B265

*Not offered in 2010-11.*

COML B270 Classical Heroes and Heroines

(Baertschi, Division III: Humanities)

Cross-listed as CSTS B270

*Not offered in 2010-11.*

COML B274 From Myth to Modern Cinema: From Dionysus to the Silver Screen

(Baertschi, Division III: Humanities)

Cross-listed as CSTS B274

*Not offered in 2010-11.*

COML B278 Reading the Middle East

This course examines major themes in modern Middle Eastern literatures through selected prose works by prominent modern writers in translation from Arabic, Hebrew, Persian and Turkish. Topics include tradition versus modernity, gender and the family, the individual and the state, and the impact of regional conflict.

(Staff, Division III: Humanities)

*Not offered in 2010-11.*

COML B279 Introduction to African Literature

(Beard, Division III: Humanities)

Cross-listed as ENGL B279

*Not offered in 2010-11.*

COML B293 The Play of Interpretation

Designated theory course. A study of the methodologies and regimes of interpretation in the arts, humanistic sciences, and media and cultural studies, this course focuses on common problems of text, authorship, reader/spectator, and translation in their historical and formal contexts. Literary, oral, and visual texts from different cultural traditions and histories will be studied through interpretive approaches informed by modern critical theories. Readings in literature, philosophy, popular culture, and film will illustrate how theory enhances our understanding of the complexities of history, memory, identity, and the trials of modernity.

(Seyhan, Division III: Humanities)

Cross-listed as ENGL B292

Cross-listed as PHIL B293

COML B299 Cultural Diversity and Its Representations

This course focuses on the literary and aesthetic production of writers, artists, and filmmakers from Turkey, the Arab countries, Iran, and Israel, living and working in contemporary Germany. The course requires a reading knowledge of German.

(Seyhan, Division III: Humanities)

Cross-listed as GERM B299

Cross-listed as CITY B299

*Not offered in 2010-11.*
COML B302 Le printemps de la parole féminine: femmes écrivains des débuts
(Armstrong, Division III: Humanities)
Cross-listed as FREN B302
Not offered in 2010-11.

COML B305 Modern German Drama—Faust: Approaches to a Legend in Literature, Drama, and Film
(Seyhan, Division III: Humanities)
Cross-listed as GERM B305
Not offered in 2010-11.

COML B306 Film Theory
(King, Division III: Humanities)
Cross-listed as ENGL B306

COML 310 Genres of Italian Popular Fiction in a Comparative Context
Popular fiction in its varied forms and genres has become more and more often object of scholarly studies in all literary disciplines. Detective fiction, noir, romance, fantasy, graphic novels, science fiction are all popular fiction genres that, nowadays, have a well respected niche in literary studies, and Italian literature is no exception to this. This course will focus on one or more of these popular genres in a given semester. It will be taught in Italian as well as in English.
(Perco, Division III: Humanities)
Cross-listed as ITAL 310

COML B312 Crimen y detectives en la narrativa hispánica contemporánea
(Song, Division III: Humanities)
Cross-listed as SPAN B311
Not offered in 2010-11.

COML B313 Classical Bodies
(Donohue, Division III: Humanities)
Cross-listed as ARCH B303

COML B314 Troilus and Criseyde
(Taylor)
Cross-listed as ENGL B314

COML B321 Advanced Topics in German Cultural Studies
(Kenosian, Seyhan, Division III: Humanities)
Cross-listed as GERM B321
Cross-listed as CITY B319
Not offered in 2010-11.

COML B323 Culture and Interpretation
Designated theory course.
(Krausz, Division III: Humanities)
Cross-listed as PHIL B323

COML B325 Etudes avancées: Crimes et criminalité
(Mahuzier, Division III: Humanities)
Cross-listed as FREN B325

COML B340 Topics in Baroque Art
(McKim-Smith, Division III: Humanities)
Cross-listed as HART B340
Not offered in 2010-11.

COML B350 Voix médiévales et échos modernes
(Armstrong, Division III: Humanities)
Cross-listed as FREN B350
Not offered in 2010-11.

COML B351 Medieval Encounters in Contemporary Fiction
Muslim, Christian and Jewish relations, particularly in the medieval period, have occupied a number of recent works of fiction in English and other languages. Why that subject has so captured the literary imagination and how individual authors treat it are the central issues the course aims to address. Selected works of fiction will serve as entry points into questions of how different religious communities interacted with and perceived one another before modern times. Another goal of the course is to make students think about how works of historical fiction serve to shape as well as to challenge current religious sensibilities.
(Staff, Division III: Humanities)
Not offered in 2010-11.

COML B375 Interpreting Mythology
(Edmonds, Division III: Humanities)
Cross-listed as CSTS B375
Not offered in 2010-11.

COML B387 Allegory in Theory & Practice
(Hedley)
Cross-listed as ENGL B387
Not offered in 2010-11.

COML B388 Contemporary African Fiction
(Beard, Division III: Humanities)
Cross-listed as ENGL B388
COML B398 Theories and Methods in Comparative Literature

This course, required of all senior comparative literature majors in preparation for writing the senior thesis in the spring semester, has a twofold purpose: to review interpretive approaches informed by critical theories that enhance our understanding of literary and cultural texts; and to help students prepare a preliminary outline of their senior theses. Throughout the semester, students research theoretical paradigms that bear on their own comparative thesis topics in order to situate those topics in an appropriate critical context.

(Seyhan)

COML B399 Senior Seminar in Comparative Literature

(Staff)

COML B403 Supervised Work

(Seyhan)

Haverford College currently offers the following courses in Comparative Literature:

Fall 2010
COML H210 Spanish and Spanish American Film Studies
COML H220 The Epic in English
COML H223 Topics in German Cultural Studies
COML H242 Introduction to Visual Studies
COML H282 The Allegorical Imagination
COML H290 History of Literary Theory: Plato to Shelley
COML H312 Advanced Topics
COML H322 Politics of Memory in Latin America
COML H332 Topics in Twentieth Century Continental Philosophy: Levinas

Spring 2011
COML H200 Introduction to Comparative Literature
COML H209 Classical Mythology
COML H211 Introduction to Postcolonial Literature
COML H217 Latin American Documentary Cinema
COML H221 The Ancient Novel
COML H222 Rethinking Latin America in Contemporary Narrative
COML H235 Spanish American Theater
COML H250 Tones, Words, and Images
COML H312 Advanced Topics
COML H318 The Western Dramatic Tradition
COML H321 Topics in German Literature
COML H399 Senior Seminar
Computer Science

Students may complete a major or minor in Computer Science or a minor in computational methods.

Faculty
Douglas Blank, Associate Professor (on leave semester II)
Deepak Kumar, Professor and Chair
Dianna Xu, Associate Professor (on leave semesters I and II)

Computer Science is the science of algorithms—their theory, analysis, design and implementation. As such it is an interdisciplinary field with roots in mathematics and engineering and applications in many other academic disciplines. The department at Bryn Mawr is founded on the belief that computer science should transcend from being a subfield of mathematics and engineering and play a broader role in all forms of human inquiry.

The Computer Science Department is supported jointly by faculty at both Bryn Mawr and Haverford Colleges. The department welcomes students who wish to pursue a major in computer science. Additionally, the department also offers a minor in computer science, a concentration in computer science (at Haverford College) and a minor in computational methods (at Bryn Mawr College). The department also strives to facilitate evolving interdisciplinary majors. For example, students can propose a major in cognitive science by combining coursework from computer science and disciplines such as psychology and philosophy.

All majors, minors and concentrations offered by the department emphasize foundations and basic principles of information science, rather than engineering or data-processing applications. The aim is to provide students with skills that transcend short-term trends in computer hardware and software.

Major in Computer Science
Students are encouraged to prepare a major course plan in consultation with their academic adviser in Computer Science. The requirements for a major in computer science are three introductory courses (CMSC 110 or 205, 206 and 231), three core courses (CMSC 240, 245 and one of 330, 340 or 345), six electives of a student's choosing and a senior thesis. Students should ensure that they have completed at least three courses in computer science by the end of their sophomore year (we highly recommend CMSC 110, 206 and 231).

Minor in Computer Science
Students in any major are encouraged to complete a minor in computer science. Completing a minor in computer science enables students to pursue graduate studies in computer science, in addition to their own major. The requirements for a minor in computer science at Bryn Mawr are CMSC 110 or 205, 206, 231, any two of CMSC 240, 245, 246, 330, 340 or 345, and two electives chosen from any course in computer science, approved by the student's adviser in computer science. As mentioned above, these requirements can be combined with any major, depending on the student's interest and preparation.

Minor in Computational Methods
This minor is designed to enable students majoring in any discipline to learn computational methods and applications in their major area of study. The requirements for a minor in computational methods are CMSC 110 or 205, 206, 231; one of CMSC 212, 225, 245, 246, 330, 340 or 361; any two computational courses depending on a student's major and interests (there are over 35 such courses to choose from in various departments).

Students can declare a minor at the end of their sophomore year or soon after. Students should prepare a course plan and have it approved by at least two faculty advisers. Students minoring in computational methods are encouraged to propose senior projects/theses that involve the application of computational modeling in their major field of study.

CMSC B110 Introduction to Computing
An introduction to the nature, subject matter, and branches of computer science as an academic discipline, and the nature, development, coding, testing, documenting, and analysis of the efficiency and limitations of algorithms. Also includes the social context of computing (risks, liabilities, intellectual property, and infringement).
(Interim, Kumar, Division II and Quantitative Skills)

CMSC B120 Visualizing Information
An introduction to visualization of complex data through computer manipulation. Explores the tools necessary to allow the human mind to make sense of vast amounts of data collected in many fields of study. Topics: 2D/3D representations, programming techniques, data conversion principles, color representation and introduction to virtual reality.
(Allen, Division II and Quantitative Skills)
Not offered in 2010-11.
CMSC B206 Introduction to Data Structures

Introduction to the fundamental algorithms and data structures of computer science: sorting, searching, recursion, backtrack search, lists, stacks, queues, trees, graphs, dictionaries. Introduction to the analysis of algorithms. Prerequisite: CMSC 205 or 110, or permission of instructor.
(Blank, Division II: Natural Science)

CMSC B231 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.
(Cheng, Division II and Quantitative Skills)
Cross-listed as MATH B231

CMSC B240 Principles of Computer Organization

A lecture/laboratory course studying the hierarchical design of modern digital computers. Combinatorial and sequential logic elements; construction of microprocessors; instruction sets; assembly language programming. Lectures cover the theoretical aspects of machine architecture. In the laboratory, designs discussed in lecture are constructed in software. Prerequisite: CMSC 206 or permission of instructor.
(Kumar, Division II: Natural Science)
Not offered in 2010-11.

CMSC B245 Principles of Programming Languages

An introduction to a wide range of topics relating to programming languages with an emphasis on abstraction and design. Design issues relevant to the implementation of programming languages are discussed, including a review and in-depth treatment of mechanisms for sequence control, the run-time structure of programming languages, and programming in the large. The course has a strong lab component where students get to construct large programs in at least three different imperative programming languages.
(Kumar, Division II and Quantitative Skills)

CMSC B246 Programming Paradigms

Topics course; course content varies. Topic for 2008-09 is Programming in UNIX and C. Provides an in-depth introduction to C and C++, as well as programming principles such as abstraction, encapsulation and modularization. Another focus of the class is to gain proficiency in the UNIX operating system. Assumes familiarity with conditionals, loops, functions and arrays and will focus on C-specific topics such as pointer manipulations, dynamic memory allocation and abstract data types.

An excellent preparation for classes such as operating systems and software engineering principles and programming techniques to facilitate medium-scaled development projects. Prerequisite: CMSC 110 or 205.
(Blank, Xu, Division II and Quantitative Skills)
Not offered in 2010-11.

CMSC B250 Computational Methods in the Sciences

This course is for students of all disciplines interested in learning the foundations of computational methods and modeling. Topics include the theory and role of computational methods in data analysis, an introduction to fundamental computation (combinatorics, probability and related statistics), and an introduction to statistical simulation and probability models, with a specific focus on Monte Carlo simulation. Examples will be drawn from numerous disciplines across the natural sciences. Two lectures and one two-hour problem session a week.
(Sears, Division II and Quantitative Skills)
Cross-listed as BIOL B250
Cross-listed as GEOL B250
Not offered in 2010-11.

CMSC B257 Gender and Technology

(Dalke, Blankenship, Division III: Humanities)
Cross-listed as ENGL B257
Not offered in 2010-11.

CMSC B312 Computer Graphics

An introduction to the fundamental principles of computer graphics: including 3D modeling, rendering, and animation. Topics cover: 2D and 3D transformations; rendering techniques; geometric algorithms; 3D object models (surface and volume); visible surface algorithms; shading and mapping; ray tracing; and select others. Prerequisites: CMSC B110, CMSC B206, CMSC/MATH B231, and CMSC B246 or permission of instructor.
(Interim)

CMSC B325 Computational Linguistics

Introduction to computational models of understanding and processing human languages. How elements of linguistics, computer science, and artificial intelligence can be combined to help computers process human language and to help linguists understand language through computer models. Topics covered: syntax, semantics, pragmatics, generation and knowledge representation techniques. Prerequisite: some background in linguistics or computer science.
(Kumar)
Cross-listed as LING B325
Not offered in 2010-11.
CMSC B330 Algorithms: Design and Practice

This course examines the applications of algorithms to the accomplishments of various programming tasks. The focus will be on understanding of problem-solving methods, along with the construction of algorithms, rather than emphasizing formal proving methodologies. Topics include divide and conquer, approximations for NP-Complete problems, data mining and parallel algorithms. Prerequisites: CMSC 206 and 231.

(Kumar, Division II and Quantitative Skills)

Not offered in 2010-11.

CMSC B355 Operating Systems

A practical introduction to modern operating systems, using case studies from UNIX, VMS, MSDOS and the Macintosh. Lab sessions will explore the implementation of abstract concepts, such as resource allocation and deadlock. Topics include file systems, memory allocation schemes, semaphores and critical sections, device drivers, multiprocessing and resource sharing.

(Xu)

Not offered in 2010-11.

CMSC B361 Emergence

A multidisciplinary exploration of the interactions underlying both real and simulated systems, such as ant colonies, economies, brains, earthquakes, biological evolution, artificial evolution, computers, and life. These emergent systems are often characterized by simple, local interactions that collectively produce global phenomena not apparent in the local interactions.

(Kumar)

Cross-listed as CMSC B361

CMSC B371 Cognitive Science

Cognitive science is the interdisciplinary study of intelligence in mechanical and organic systems. In this introductory course, we examine many topics from computer science, linguistics, neuroscience, mathematics, philosophy, and psychology. Can a computer be intelligent? How do neurons give rise to thinking? What is consciousness? These are some of the questions we will examine. No prior knowledge or experience with any of the subfields is assumed or necessary. Prerequisite: permission of instructor.

(Blank)

CMSC B372 Artificial Intelligence

Survey of Artificial Intelligence (AI), the study of how to program computers to behave in ways normally attributed to “intelligence” when observed in humans. Topics include heuristic versus algorithmic programming; cognitive simulation versus machine intelligence; problem-solving; inference; natural language understanding; scene analysis; learning; decision-making. Topics are illustrated by programs from literature, programming projects in appropriate languages and building small robots.

(Kumar, Division II and Quantitative Skills)

Cross-listed as PHIL B372

Not offered in 2010-11.

CMSC B380 Recent Advances in Computer Science

A topical course facilitating an in-depth study on a current topic in computer science. Prerequisite: permission of instructor.

(Staff, Division II: Natural Science)

CMSC B399 Senior Conference

An independent project in computer science culminating in a written report/thesis and oral presentation. Class discussions of work in progress and oral and written presentations of research results will be emphasized. Required for all computer science majors in the spring semester of their senior year.

(Kumar)

CMSC B403 Supervised Work/Independent Study

(Kumar, Blank, Xu)

CMSC B425 Praxis III: Independent Study

(Blank)
East Asian Studies

Students may complete a major in East Asian Studies, a minor in Chinese language or Japanese language, or a (non-language) minor in East Asian Studies.

Chairs
Robert Dostal, Professor and Co-Chair at Bryn Mawr College
Hank Glassman, Associate Professor and Co-Chair at Haverford College

Faculty at Bryn Mawr College
Tz'u Chiang, Senior Lecturer
Robert Dostal, Professor and Co-Chair
Yonglin Jiang, Associate Professor
Pauline Lin, Assistant Professor (on leave semester I)
Changchun Zhang, Instructor

Faculty at Haverford College
Hank Glassman, Associate Professor
Shizhe Huang, Associate Professor
Minako Kobayashi, Instructor
Yoko Koike, Senior Lecturer (on leave semesters I and II)

Kazue Kurokawa, Visiting Instructor
Paul Jakov Smith, Professor
Kimiko Suzuki, Visiting Instructor
Tsung Tsai, Instructor

The Bi-College Department of East Asian Studies links rigorous language training to the study of East Asian culture and society. In addition to our intensive programs in Chinese and Japanese languages, the departmental faculty offers courses in East Asian philosophy, linguistics, literature, religion, social and intellectual history. The East Asian Studies program also incorporates courses by affiliated Bi-College faculty on East Asian anthropology, cities, economics, philosophy, and sociology, as well as additional courses on East Asian culture and society by faculty at Swarthmore.

The intellectual orientation of the East Asian Studies Department is primarily historical and text-based; that is, we focus on East Asia’s rich cultural traditions as a way to understand its present, through the study of primary sources (in translation and in the vernacular) and scholarly books and articles. All students wishing to specialize in this humanistic approach to the study of China, Japan, and (with special approval) Korea are encouraged to consider the East Asian Studies major.

But we also work closely with affiliated faculty in the Bi-Co and Tri-Co community who approach East Asia from the perspective of such social science disciplines as Anthropology, Economics, Political Science, Sociology, and the Growth and Structure of Cities, as well as with faculty in History, Music, Religion, and Philosophy. EAS majors are encouraged to take advantage of these programs to supplement their EAS coursework. Please consult the course guide, online or in print, for details on this year’s offerings.

Major Requirements
1. Completion of at least the third-year level of (Mandarin) Chinese or Japanese (i.e. 101-102). Students who entered college with native fluency in one East Asian language (including Korean) must complete this requirement with another East Asian language.
2. EAST 200B (Major Seminar: Methods and Approaches to East Asian Studies), which highlights the emergence of East Asia as a coherent cultural region and introduces students to basic bibliographic skills and research approaches.
3. Five additional courses in East Asian cultures, as follows: one 100-level Introduction (from among EAST 120, 129, 131, or 132); two 200-level courses; and two 300-level seminars.
4. A senior seminar (EAST 398, 399, culminating in the completion of a senior thesis early in the spring semester.)

Minor Requirements
The Department of East Asian Studies offers minors in both Chinese and Japanese. The requirement is six courses in either language. This minor is currently administered at Bryn Mawr. The department also offers a minor in East Asian Studies, requiring any six courses in EAS exclusive of languages but including cross-listed courses taught in other departments. Of the six courses taken in fulfillment of the EAS non-language minor, at least two must be at the 200 level and at least one must be at the 300 level.

Language Placement Tests
Placement tests for first-time students at all levels are conducted in the week before classes start in the fall semester. To qualify for third-year language courses students need to finish Second-year courses with a score of 3.0 or above in all four areas of training: Listening, speaking, reading, and writing. In the event that students do not meet the minimum grade at the conclusion of Second-year language study, they must consult with the director of the respective language program and work out a summer study plan that may include taking summer courses or studying on their own under supervision. They must take a placement test before starting

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Third-year language study in the fall. (Similarly, students who do not finish Third-year with a score of less than 3.0 in any of the four areas must also take a placement exam before entering Fourth-year.)

Requirements For Honors

Honors in East Asian studies will be awarded by the departmental faculty on the basis of superior performance in two areas: coursework in major-related courses (including language classes), and the senior thesis. A 3.7 average in major-related coursework is considered the minimum necessary for consideration for honors.

Study Abroad

The East Asian Studies Department strongly recommends study abroad to maximize language proficiency and cultural familiarity. Formal approval is required by the study abroad advisor prior to the student's travel. Without this approval, credit for courses taken abroad will not be accepted by the East Asian studies department. Also, since procedures for study abroad are different for Bryn Mawr and Haverford, students should contact the relevant deans at their own colleges. Students majoring in EAS are discouraged from studying abroad during the spring of their junior year, since the Methods and Approaches Seminar EAST200, meets then and it is best to take it as a junior. Minors and other students may go abroad fall or spring semester or for the whole year.

If studying abroad is not practical, students may consider attending certain intensive summer schools approved by the East Asian studies department. These plans must be worked out in concert with the program's study abroad advisor and the student's dean.

EAST H120 Chinese Perspectives on the Individual and Society

A survey of philosophical, literary, legal, and autobiographical sources on Chinese notions of the individual in traditional and modern China. Particular emphasis is placed on identifying how ideal and actual relationships between the individual and society vary across class and gender and over time. Special attention will be paid to the early 20th century, when Western ideas about the individual begin to penetrate Chinese literature and political discourse.

(Smith)
Cross-listed in History

EAST H201 Introduction to Buddhism

Focusing on the East Asian Buddhist tradition, this course examines Buddhist philosophy, doctrine and practice as textual traditions and as lived religion.

(Glassman)
Cross-listed in Religion
Not offered in 2010-11.

EAST B206 Modern Chinese Literature and Film

Introduces the development of modern Chinese literature and related film since the 19th century in terms of the significant motifs of enlightenment and decadence. The course enriches the understanding of heterogeneous “modernities” rather than the homogeneous “modernity” in modern China.

(Lin)
Not offered in 2010-11.

EAST B210 Topics in Chinese Culture: Late Imperial China: Marco Polo to 18th Century

This course is broad chronological survey of Chinese history with a focus on foreign relations. In this period, China stood at the center of the emerging world economy. The rise of Inner Asian armies on horseback led China to be ruled by Mongolian and Manchurian
leaders, fostering new notions of the empire. Interactions with Europeans became more common, from Marco Polo near the beginning of the period to British merchants at the end. Students are encouraged to relate these changes to their understanding of present-day China.

(Staff)

EAST B212 Introduction to Chinese Literature: Literature in Everyday Life

The rituals of everyday life mark the passing of our personal histories: they include the basics for sustenance, as well as the extravagant and serendipitous occurrences; there is a rhythm to daily life, and there are interruptions to that rhythm. At the same time, records of daily life also reflect a given period, its culture, people or the individual writers. This course explores literature about everyday life beginning from the earliest times with the Book of Songs to the great 18th century novel, the Dream of the Red Chamber. Topics include: farm life and gardens, the “things” in life, travels, courtship, dreams, tea culture, and food.

(Lin)

EAST H218 Chinese Calligraphy As an Art Form

This course is a 200-level studio/lecture art course. It combines studio practice and creating art projects with slide lectures, readings and museum visits. Students will learn the basic techniques of Chinese Calligraphy, its historical roots and development, and its connection with society, politics, and religion. It offers training in disciplined hand-eye coordination together with an appreciation for this ancient and contemporary art form. At the same time students will learn how western artists, such as Van Gogh, Franz Kline, Jackson Pollock, Robert Motherwell, and Willem de Kooning, were influenced by Chinese calligraphy and built on its techniques in their own work. No Chinese language required.

(Li)  
Cross-listed in Fine Arts

EAST B225 Topics in Modern Chinese Literature: Modern China through Literature, Art and Film

This course examines the issues of colonialism, post-colonialism, and urbanism in a Chinese context. As Chinese society transformed in the nineteenth and early twentieth centuries, cities were at the forefront of change, becoming symbols of both the promise and the discontents of modernity. At the same time, Chinese cities maintained their roles as centers of economic, political, and religious activity. How did these shifts affect urban life? We will consider answers to these questions with reference to hygiene, markets, military bases, crime, imperialism, and labor.

(McDonogh)  
Cross-listed as ANTH B229  
Cross-listed as CITY B229  
Not offered in 2010-11.

EAST H235 Early Chinese Philosophy

An introduction to the lively and sharp disputes between competing schools of philosophy in ancient Chinese philosophy, that is, philosophy in the pre-Han period prior to the syncretism that marks Confucianism, neo-Confucianism, and most recently New Confucianism. Prerequisite: One 100-level course in philosophy or EAST 131 Chinese Civilization or by permission of the instructor.

(Wright)  
Cross-listed in Philosophy

EAST H240 Economic Development and Transformation: China vs. India

A survey of the economic development and recent transitional experience in China and India, giant neighboring countries, accounting for roughly one third of total world population. The course will examine the economic structure and policies in the two countries, with a focus on comparing China and India’s recent economic successes and failures, their development policies and strategies, institutional changes, and factors affecting the transformation process in the two countries. Prerequisite: Econ H101, or 102, or 100 or B105 or equiv.

(Jilani)  
Cross-listed in Economics

EAST H242 Buddhist Philosophy

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. Prerequisite: One 100-level course in PHIL or consent.

(Gangadean)  
Cross-listed in Philosophy
EAST H244 Anthropology of China

Social institutions, cultural idioms, and forms of representation in and of Chinese society over the past 150 years. Through investigations of ethnographic monographs, missionary records, memoirs, and realist fiction, we develop skills in social analysis and cultural critique, and enrich our understanding of contemporary Chinese society. Prerequisite: One course in East Asian Studies or consent. (Gillette)

Cross-listed in Anthropology
Not offered in 2010-11.

EAST H247 Death and the Afterlife in East Asia

This course engages the rich textual and visual traditions of China, Korea, and Japan to illuminate funerary and memorial practices and explore the terrain of the next world. Students will learn about the culturally constructed nature of religious belief and come to see the complexity and diversity of the influences on understandings of life and death. The course is not a chronological survey, but rather alternates between modern and ancient narratives and practices to draw a picture of the relationship between the living and the dead as conceived in East Asian religions. Prerequisite: One 100 level course in Religion, History, Anthropology, or East Asian Studies. (Glassman)

Cross-listed in Religion

EAST H256 Zen Thought, Zen Culture, Zen History

What are we talking about when we talk about Zen? This course is an introduction to the intellectual and cultural history of the style of Buddhism known as Zen in Japanese. We will examine the development and expression of this religious movement in China, Korea, Japan and Vietnam. (Glassman)

EAST H260 Mid-Imperial China

This course surveys the fundamental transformation of Chinese society between the 10th and 17th centuries, with particular stress on the civil service examinations and the rise of a literocentric elite; the impact of Neo-Confucianism on social and gender relations; relations between China, the nomad polities of the steppe, and (by the 16th century) the increasingly inquisitive representatives of the West; and the cultural consequences for Chinese of all social strata of the growing power of money. Prerequisite: Open to sophomores and above. (Smith)

Cross-listed in History
Not offered in 2010-11.

EAST H261 Late Imperial China, 1600-1900

Surveys Chinese culture and society at the height of the imperial era through the 18th century and the ensuing political and cultural crises catalysed by institutional decline and Western imperialism in the 19th and early 20th centuries. Prerequisite: Sophomore standing or above and at least one prior course in History or East Asian Studies. (Smith)

Cross-listed in History
Not offered in 2010-11.

EAST B263 The Chinese Revolution

Places the causes and consequences of the 20th century revolutions in historical perspective, by examining its late-imperial antecedents and tracing how the revolution has (and has not) transformed China, including the lives of such key revolutionary supporters as the peasantry, women, and intellectuals. (Jiang)

Not offered in 2010-11.

EAST B264 Human Rights in China

This course will examine China’s human rights issues from a historical perspective. The topics include diverse perspectives on human rights, historical background, civil rights, religious practice, justice system, education, as well as the problems concerning some social groups such as migrant laborers, women, ethnic minorities and peasants. (Jiang)

Cross-listed as HIST B260
Not offered in 2010-11.

EAST H267 The Medieval Transformation of Eurasia, ca. 1000 to 1400

Historians now agree that the 10th through the 14th centuries witnessed transformations across Eurasia that had long-term consequences for subsequent developments throughout the Old World. This course surveys the nature of and linkages between those changes in Europe, the Islamic world, China, and Japan, with a primary focus on travelers accounts and such literary sources as The Canterbury Tales (Europe), The Arabian Nights (Middle East), Tale of the Heike (Japan), and The Story of the Western Wing (China). Prerequisite: One 100-level introductory course in History or East Asian Studies. (Smith)

Cross-listed in History

EAST B272 Topics in Early and Medieval China: Chinese Cities and City Culture

Cities are the political, cultural and economic centers of a time and space; each is distinguished by geographic
locale, architectural details, inhabitants and its literary, artistic and historical milieu. We investigate the literary and cultural artifacts: beginning with magnificent Chang’an and Luoyang; on to medieval Ye and Luoyang, the cosmopolitan eighth century Chang’an, and concluding with bustling 11th-century Bianjing. Extensive use of visual materials, such as city plans and descriptions, architecture and gardens, works by notable writers and painters.

(Lin)
Cross-listed as CITY B273
Cross-listed asHART B272
Not offered in 2010-11.

**EAST H282 Structure of Chinese**

This course is designed to provide an overview of the historical development of the Chinese language and its structures in terms of phonetics/phonology, syntax and semantics. The goal is to help students look at Chinese from both a historical and a theoretical perspective. Students from Linguistics will have an opportunity to enrich and broaden their understanding of linguistic theories and methodologies, and to develop skills in analyzing a non-Indo-European language, while students who have completed at least Second-year Chinese will be exposed to systematic analyses of the language to learn the general patterns. Prerequisite: Consent of the instructor.

(Huang)
Cross-listed in Linguistics

**EAST H310 Sex and Gender in Japanese Buddhism**

In this seminar we will examine the intersection of religion & gender in Japanese literature from the 11th to the 16th centuries. The course assumes no prior academic experience in gender, literature, religion, or Japanese culture. While all materials read in the course are in English translation, as students will see, linguistic translation is only the first step. We will undertake this enterprise of cultural translation together as we read primary and secondary sources to gain insight to the meaning of being a man or being a woman in medieval Japan.

(Glassman)
Cross-listed in Religion

**EAST B325 Topics in Chinese History and Culture: China’s Environment: History, Policy, and Rights**

(Jiang)
Cross-listed as HIST B326

**EAST H347 Topics in East Asian History: War and Warriors in Chinese History**

(Smith)
Cross-listed in History

**EAST H349 Topics in Comparative History: The Medieval Transformation of Eurasia, circa 1000-1400**

(Smith)
Not offered in 2010-11.

**EAST H370 Topics in Buddhist Studies: The Lotus Sutra**

(Glassman)
Cross-listed in Religion
Not offered in 2010-11.

**EAST H382 Topics in Chinese Syntax and Semantics**

(Huang)
Cross-listed in Linguistics
Not offered in 2010-11.

**EAST B/H398, 399 Senior Seminar**

A research workshop culminating in the writing and presentation of a senior thesis. Required of all majors; open to concentrators and others by permission.

(Jiang, Glassman)

**EAST B403 Supervised Work**

(Staff)
EAST ASIAN LANGUAGES

The East Asian Studies Program welcomes students who wish to combine their interests in East Asian languages with the study of an East Asian culture. These students are urged to consult the Co-Chair of East Asian studies on either campus, who will advise them on creating individual plans of study in appropriate departments.

CHINESE LANGUAGE

Faculty
Tz’u Chiang
Shizhe Huang, Director
Pauline Lin (on leave semester I)
Changchun Zhang

The Chinese Language Program offers a full undergraduate curriculum of courses in Mandarin Chinese. Students who will combine language study with focused work on East Asian society and culture may wish to consider the major in East Asian Studies. Information about specific study abroad opportunities can be obtained from the director.

College Foreign Language Requirement

The College’s foreign language requirement may be satisfied by completing CNSE 003 and 004 with an average grade of at least 2.0 or with a grade of 2.0 or better in CNSE 004.

CNSE H001, H002 First-Year Chinese-Intensive

An intensive introductory course in modern spoken and written Chinese. The development of oral-aural skills is integrated through grammar explanations and drill sessions designed to reinforce new material through active practice. Six hours a week of lecture and oral practice, plus individual conference. This is a year-long course; both semesters are required for credit (CNSE 001 and 002). Limited to 18 students. (Zhang)

CNSE B003, B004 Second-Year Chinese

Second-year Chinese aims for further development of language skills in speaking, listening, reading, and writing. Five hours of class plus individual conference. This is a year-long course; both semesters (CNSE 003 and 004) are required for credit. Prerequisite: First-year Chinese or consent of instructor. Limited to 18 students. (Chiang)

CNSE B101, B102 Third-Year Chinese: Readings in the Modern Chinese Short Story and Theater

A focus on overall language skills through reading and discussion of modern short stories, as well as on students facility in written and oral expression through readings in modern drama and screenplays. Readings include representative works from the May Fourth Period (1919-27) to the present. Audio- and videotapes of drama and films are used as study aids. Prerequisite: Second-Year Chinese or consent of instructor. (Chiang)

CNSE H201, H202 Advanced Chinese

Development of language ability in the areas of modern Chinese culture, literature, history and/or philosophy. Speaking and reading skills are equally emphasized through a consideration of the intellectual, historical and social significance of representative works. Prerequisite: Third-year Chinese or consent of instructor. (Huang)

JAPANESE LANGUAGE

Faculty
Hank Glassman, Interim Director
Yoko Koike, Director (on leave semesters I and II)
Kazue Kurokawa
Kimiko Suzuki

The Japanese Language Program offers a full undergraduate curriculum of courses in Modern Japanese. Students who will combine language study with focused work on East Asian society and culture may wish to consider the major in East Asian Studies. Information about specific study abroad opportunities can be obtained from the director.

College Foreign Language Requirement

The College’s foreign language requirement may be satisfied by completing JNSE 003 and 004 with an average grade of at least 2.0 or with a grade of 2.0 or better in JNSE 004.

JNSE H001, H002 First-Year Japanese-Intensive

An intensive introduction to the four basic skills (reading, writing, speaking, and listening), with special emphasis on the development of conversational fluency in socio-cultural contexts. Six hours per week of class and oral practice. This is a year-long course; both semesters (JNSE001 and 002) are required for credit. Limited to 18 students. (Kurokawa)
Economics

Students may complete a major or minor in Economics. Within the major, students may complete a concentration in environmental studies.

Faculty
Janet Ceglowski, Professor and Chair
Jonathan Lanning, Assistant Professor
Michael T. Rock, Professor (on leave semester II)
David R. Ross, Associate Professor
Richard Stahnke, Visiting Assistant Professor
Matthew C. Weinberg, Assistant Professor

The Economics curriculum is designed to provide an understanding of economic processes and institutions and the interactions among economic, political and social structures. The curriculum helps students master the methods used by economists to analyze economic issues and it enables them to make reasoned assessments of alternative public policies in a wide range of fields.

Major Requirements
1. Majors must take 10 semester courses including:
   Introduction to Economics (ECON B105, or H101-H102)
   Intermediate Microeconomics (ECON B200 or H300)
   Intermediate Macroeconomics (ECON B202 or H302)
   Statistical Methods in Economics (ECON 203 or H204)

2. The Statistical Methods and Intermediate Theory requirements are best met during sophomore year and must be completed by the end of junior year or before any study away experience. These three courses should be taken at Bryn Mawr or Haverford. The department does not grant credit for Swarthmore’s intermediate microeconomics course, ECON SW011, because it is not calculus-based.

3. At least one semester of calculus (MATH 101 or the equivalent) is a prerequisite for ECON B200, B202, and B304. Two semesters of calculus (MATH 102 or the equivalent) are a prerequisite for ECON H300 and H302.

4. Majors in the class of 2011 must take at least two 300-level topics courses for which one of the intermediate theory courses is a prerequisite. Starting with the class of 2012, all majors must take at least three 300-level topics courses for which one of the intermediate theory courses is a prerequisite.
For all majors, one of the 300-level courses must be a research seminar fulfilling the thesis course. Students are not permitted to enter a research seminar without successfully completing a course introducing the field. For example, ECON 316 or 348 are prerequisites for ECON 396. In exceptional cases, ECON 403 Independent Research may be substituted for this requirement; this requires preapproval of the instructor and department chair.

5. No more than two of the following courses can count toward an economics major or minor at Bryn Mawr: ECON B105, H100, H101, H102, B136, B140, H205, H224, H247 and any other course that does not have one of the introductory courses (ECON B105, H101 or H102) as a prerequisite. If a student has taken ECON 105, she cannot take another introductory course at Haverford or elsewhere for credit. If a student starts the two-semester sequence at Haverford (ECON H100, 101, or 102), she must complete the sequence in order to meet the introductory requirement at Bryn Mawr; she cannot take ECON 105 after completing ECON H100, 101, or 102 or similar courses at other institutions.

Students who earn a grade below 2.7 in ECON B105, H101 or H102 are advised to not major in Economics.

Honors
An economics major with a minimum GPA of 3.7 in economics, including economics courses taken in the second semester of the senior year, will graduate with honors in economics.

Minor Requirements
The minor in economics consists of ECON 105 and 203; either ECON 200 or 202; and three electives, one of which must have ECON 200 or 202 as a prerequisite.

A minor plan must be approved before the start of the senior year.

Advanced Placement
The department will waive the ECON 105 prerequisite for students who score a 5 on both the Microeconomics and Macroeconomics AP exams or a 6 or 7 on the Economics Higher Learning Exam of the International Baccalaureate. The waiver does not count as course credit toward the major or minor; majors and minors receiving advanced placement must still take a total of ten and six courses in economics, respectively. Students qualifying for advanced placement should see the department chair to obtain approval for the waiver and for advice on planning their course work in economics.

Study Away
Planning ahead is the key to successfully balancing a semester or year away with the economics major. Students planning a semester or year away must complete the statistical methods and intermediate theory courses (200, 202 and 203) before going away and must consult with the department chair well before the application deadline for study away. If a student wants a particular course to count toward the economics major or minor, she must obtain approval from the department chair before confirming registration at the host institution.

Business Courses
The department will grant major credit (at the 100 level) for a single business course that is the equivalent of ECON H247 (Financial Accounting) at Haverford.

Concentration in Environmental Studies
Students who wish to combine their economics major with environmental studies should consult Michael Rock or David Ross early in their career.

ECON B105 Introduction to Economics
An introduction to micro- and macroeconomics: opportunity cost, supply and demand; consumer choice, the firm and output decisions; market structures; efficiency and market failure; the determination of national income, including government spending, money and interest rates; unemployment, inflation and public policy.
(Lanning, Stahnke, Weinberg, Division I: Social Science)

ECON B136 Working with Economic Data
Applies selected principles of economics to the quantitative analysis of economic data; uses spreadsheets and other tools to collect and judge the reliability of economic data. Topics may include measures of income inequality and poverty; unemployment, national income and other measures of economic well-being; cost-benefit of public and private investments; construction of price indices and other government statistics; evaluating economic forecasts; and the economics of personal finance.
(Ross, Division I and Quantitative Skills)
Cross-listed as CITY B136
Not offered in 2010-11.

ECON B140 Self Interest and Social Behavior
Introduces students to an interdisciplinary, decision and game theoretic model of social behavior where self interest may be sought by rational choice, biological or cultural evolution. Applications include voting, market behavior, public policy formation, mate choice, the development of ethics and structuring environments to
ECON B200 Intermediate Microeconomics

Systematic development of the analytical framework economists use to explain the behavior of consumers and firms. Determination of price; partial and general equilibria; welfare economics. Application to current economic problems. Prerequisites: ECON B105, or H101 and H102, MATH B101 (or equivalent), one 200-level applied microeconomics elective (may be waived by the instructor).
(Ross, Division I: Social Science)

ECON B202 Intermediate Macroeconomics

The goal of this course is to provide a thorough understanding of the behavior of the aggregate economy and the likely effects of government stabilization policies. Models of output, inflation, unemployment, and interest rates are developed, along with theories of consumption, investment, economic growth, exchange rates, and the trade balance. These models are used to analyze the likely macroeconomic effects of fiscal and monetary policies and to explore current macroeconomic issues and problems. Prerequisites: ECON B105, or H101 and H102, MATH B101 or equivalent, and sophomore standing or permission of the instructor.
(Ceglowski, Division I: Social Science)

ECON B203 Statistical Methods in Economics

An introduction to econometric terminology and reasoning. Topics include descriptive statistics, probability, and statistical inference. Particular emphasis is placed on regression analysis and on the use of data to address economic issues. The required computational techniques are developed as part of the course. Prerequisites: ECON B105, or H101 and H102, and a 200-level elective (may be waived by the instructor).
(Lanning, Quantitative Skills)
Cross-listed as CITY B206

ECON B207 Money and Banking

Analysis of the development and present organization of the financial system of the United States, focusing on the monetary and payment systems, financial markets, and financial intermediaries. Prerequisites: ECON B105, or H101 and H102.
(Stahnke, Division I: Social Science)

ECON B208 Labor Economics

Analysis of labor markets. Focuses on the economic forces and public policies that determine wage rates, and unemployment. Specific topics include: human capital, family decision making, discrimination, immigration, technological change, compensating differentials, and signaling. Prerequisite: ECON 105.
(Lanning, Division I: Social Science)

ECON B213 Taming the Modern Corporation

Introduction to the economics of industrial organization and regulation, focusing on policy options for ensuring that corporations enhance economic welfare and the quality of life. Topics include firm behavior in imperfectly competitive markets; theoretical bases of antitrust laws; regulation of product and occupational safety; environmental pollution; and truth in advertising. Prerequisite: ECON H101 or B105.
(Ross, Division I: Social Science)
Cross-listed as CITY B213

ECON B214 Public Finance

Analysis of government's role in resource allocation, emphasizing effects of tax and expenditure programs on income distribution and economic efficiency. Topics include sources of inefficiency in markets and possible government responses; federal budget composition; social insurance and antipoverty programs; U.S. tax structure and incidence. Prerequisites: ECON B105 or H101.
(Weinberg, Division I: Social Science)
Cross-listed as CITY B214

ECON B215 Urban Economics

Micro- and macroeconomic theory applied to urban economic behavior. Topics include housing and land use; transportation; urban labor markets; urbanization; and demand for and financing of urban services. Prerequisite: ECON 105, or 101 and 102.
(Stahnke, Division I: Social Science)
Cross-listed as CITY B215

ECON B225 Economic Development

Examination of the issues related to and the policies designed to promote economic development in the developing economies of Africa, Asia, Latin America, and the Middle East. Focus is on why some developing economies grow faster than others and why some growth paths are more equitable, poverty reducing, and environmentally sustainable than others. Includes consideration of the impact of international trade and investment policy, macroeconomic policies (exchange rate, monetary and fiscal policy) and sector policies (industry, agriculture, education, population, and environment)
on development outcomes in a wide range of political and institutional contexts. Prerequisite: ECON B105, or H101 and H102.
(Rock, Division I: Social Science)
Cross-listed as CITY B225

ECON B234 Environmental Economics

Introduction to the use of economic analysis explain the underlying behavioral causes of environmental and natural resource problems and to evaluate policy responses to them. Topics may include air and water pollution; the economic theory of externalities, public goods and the depletion of resources; cost-benefit analysis; valuing nonmarket benefits and costs; economic justice; and sustainable development. Prerequisites: ECON B105, or H101 and H102.
(Rock, Division I: Social Science)
Cross-listed as CITY B234

ECON B236 The Economics of Globalization

An introduction to international economics through theory, policy issues, and problems. The course surveys international trade and finance, as well as topics in international economics. It investigates why and what a nation trades, the consequences of such trade, the role of trade policy, the behavior and effects of exchange rates, and the macroeconomic implications of trade and capital flows. Topics may include the economics of free trade areas, world financial crises, outsourcing, immigration, and foreign investment. Prerequisites: ECON B105, or H101 and H102. The course is not open to students who have taken ECON 316 or 348.
(Ceglowski, Division I: Social Science)
Cross-listed as CITY B238

ECON B242 Economics of Local Government Programs

How can economics help solve and learn from the problems facing rural and suburban communities? The instructor was a local township supervisor who will share the day-to-day challenges of coping with land use planning, waste disposal, dispute resolution, and the provision of basic services. Prerequisite: ECON B105 or H101.
(Ross, Division I: Social Science)

ECON B243 Economic Inequality and Government Policy Choices

This course will examine the U.S. economy and the effects of government policy choices. The class will focus on the potential tradeoffs between economic efficiency and greater economic equality. Some of the issues that will be explored include tax, education, and health care policies. Different perspectives on issues will be examined. Prerequisite: ECON B105, or H101 and H102.
(Vartanian, Division I: Social Science)

ECON B285 Democracy and Development

From 1974 to the late 1990’s the number of democracies grew from 39 to 117. This “third wave,” the collapse of communism and developmental successes in East Asia have led some to argue the triumph of democracy and markets. Since the late 1990’s, democracy’s third wave has stalled, and some fear a reverse wave and democratic breakdowns. We will question this phenomenon through the disciplines of economics, history, political science and sociology drawing from theoretical, case study and classical literature. Prerequisite: one year of study in political science or economics.
(Ross, Rock, Division I: Social Science)
Cross-listed as POLS B385
Not offered in 2010-11.

ECON B304 Introduction to Econometrics

The econometric theory presented in ECON 203 is further developed and its most important empirical applications are considered. Each student does an empirical research project using multiple regression and other statistical techniques. Prerequisites: ECON 203 or 204; B200 or both B202 and MATH 201.
(Weinberg, Division I: Social Science)

ECON B311 Game Theory and Applications

Teaches students to develop, use and assess the game theoretic models of imperfect competition, political economy, biological and cultural evolution. Considers how environments may be structured to enhance cooperation. Prerequisite: ECON B200 or equivalent.
(Staff)
Not offered in 2010-11.

ECON B313 Industrial Organization and Public Policy

The study of the interaction of buyers, sellers and government in imperfectly competitive markets. Prerequisites: ECON 203 or 204; B200 or equivalent.
(Ross, Division I: Social Science)

ECON B315 Economics of Information and Uncertainty

A study of economic behavior under conditions of incomplete information and uncertainty. Topics include problems of moral hazard and adverse selection in agency theory and signaling model, sequential games of incomplete information, bilateral bargaining and reputation. Applications include optimal insurance contracts, financial bubbles, credit rationing, and the value of information. Prerequisite: ECON B200.
(Stahnke, Division I: Social Science)
ECON B316 International Macroeconomics

Examines the theory of, and current issues in, international macroeconomics and international finance. Considers the role of international factors in macroeconomic performance; policymaking in an open economy; exchange rate systems and exchange rate behavior; international financial integration; and international financial crises. Prerequisite: ECON B202.
(Ceglowski, Division I: Social Science)

ECON B320 Research Seminar on the Financial System

Thesis seminar. Each student does a semester-long research project on a relevant topic of interest. Research topics may include the monetary and payment systems, financial markets and financial intermediaries from a microeconomic perspective. Group meetings will involve presentation and discussion of research in progress. Prerequisites: ECON 207, 200 and permission of instructor.
(Staff)

ECON B348 International Trade

Study of the major theories offered to explain international trade. Includes analyses of the effects of trade barriers (tariffs, quotas, nontariff barriers), trade liberalization, and foreign investment by multinational corporations on growth, poverty, inequality, and the environment. Prerequisite: ECON B200.
(Stahnke, Division I: Social Science)

ECON B350 Policy Analysis and Economic Advocacy

The goal of this seminar is mastering the ability to translate the fruits of academic research and applied economic analysis for audiences outside of the academy. Participants will collaborate with faculty colleagues in the production of publishable advocacy papers in the context of two topical policy modules. Prerequisites: ECON B203, B200, B202 and at least one 200-level elective.
(Ross, Stahnke)
Not offered in 2010-11.

ECON B393 Research Seminar in Industrial and Environmental Regulation

Thesis seminar. Each student does a semester-long research project on a relevant topic of interest. Research topics include the interaction of buyers, sellers, and government in imperfectly competitive markets. Prerequisite: ECON B200; B203; B213 or B234 or B313.
(Ross, Division I: Social Science)

ECON B395 Research Seminar in Economic Development

Thesis seminar. Each student is expected to engage in a semester long research project on a relevant topic in economic development. The major work product for the seminar is a senior research paper of refereed journal article length. Students are expected to participate in all group meetings and all one-on-one meetings with the professor. Prerequisites: ECON 225 and either ECON B200 or B202.
(Rock)

ECON B396 Research Seminar: International Economics

Thesis seminar. Each student does a semester-long research project on a relevant topic of interest. Research topics in international trade or trade policy, international finance, international macroeconomics, and international economic integration are appropriate. Prerequisites: ECON 316 or 348, or permission of instructor.
(Ceglowski, Division I: Social Science)

ECON B403 Supervised Work

An economics major may elect to do individual research. A semester-long research paper is required; it satisfies the 300-level research paper requirement. Students who register for 403 must submit an application form before the beginning of the semester (the form is available from the department chair). The permission of both the supervising faculty member and department chair is required.
(Ceglowski, Ross, Rock)

ECON B425 Praxis III: Independent Study

(Staff)
Education

Students may: complete a minor in education leading to a Pennsylvania certification to teach at the secondary level; complete requirements for certification after they graduate through the post-baccalaureate Teacher Education program; or complete a minor in educational studies.

Faculty
Jody Cohen, Senior Lecturer
Alison Cook-Sather, Professor
Heather Curl, Instructor
Debbie Flaks, Instructor
Howard M. Glasser, Postdoctoral Fellow in Science Education
Alice Lesnick, Senior Lecturer and Director

The field of education is about teaching people how to teach—and more. The Bryn Mawr-Haverford Education Program is built around four mutually-informing pursuits: teacher preparation; the interdisciplinary study of learning as a central human and cultural activity; the investigation of the politics of schooling; and students’ growth as reflective teachers, learners, researchers and change agents.

Courses in the Education Program address students interested in:
- The theory, process and reform of education in the United States
- Social justice, activism and working within and against systems of social reproduction
- Future work as educators in schools, public or mental health, community, or other settings
- Examining and re-claiming their own learning and educational goals
- Integrating field-based and academic learning

Each education course includes a field component through which professors seek continuously to integrate theory and practice, asking students to bridge academic and experiential knowledge in the classroom and beyond it. Field placements in schools and other educational settings range from two hours per week in the introductory course to full-time student teaching in the certification program.

The Bi-College Education Program offers several options. Students may:
- Explore one or more aspects of education in areas of particular interest—such as urban schooling—by enrolling in single courses;
- Pursue a minor in education leading to secondary teacher certification;
- Pursue a minor in educational studies;
- Complete the secondary teacher certification program after they graduate through the Post-baccalaureate Teacher Education Program;
- Complete elementary certification through the Swarthmore and Eastern Colleges’ elementary education certification program;
- Sub-matriculate (as juniors or seniors) into the University of Pennsylvania, Graduate School of Education’s elementary or secondary education Master’s program; or
- In a five-year program, complete both the A.B./M.A. program in French, Physics or Mathematics (or possibly other departments that offer the AB/MA option) and the secondary teaching certification program.

The secondary certification sequence and the minor are described below. Students interested in either of these options—or in pursuing elementary education at Swarthmore or sub-matriculating into the University of Pennsylvania’s Graduate School of Education (not described here)—should meet with a program adviser as early as possible for advice on scheduling, preferably by the sophomore year.

Requirements for Certification

The Bryn Mawr/Haverford Education Program is accredited by the state of Pennsylvania to prepare undergraduates for secondary certification (grades 7-12) in the following areas: biology, chemistry, English, mathematics, physics, social studies (as well as citizenship education and social science), and world languages, including Chinese, French, German, Latin, Russian and Spanish. Pursuit of certification in Chinese, German, Latin and Russian is subject to availability of student-teaching placements.

Students becoming certified in a foreign language have K-12 certification. Certain interdisciplinary majors and double majors (e.g., romance languages, comparative literature, East Asian studies) may also be eligible for certification provided they meet the Pennsylvania standards in one of the subject areas listed above.

To qualify for a teaching certificate, students must complete an academic major in the subject area in which they seek certification. (Within their major, students must select courses that help them meet or exceed the state standards for teachers in that subject area.) Students must also complete a minor in education, completing the secondary certification track courses listed below:
- EDUC 200 (Critical Issues in Education)
- PSYC 203 (Educational Psychology)
• EDUC 210 (Special Education)
• EDUC 275 (English Learners in U.S. Schools: Policies and Practices)
• EDUC 301 (Curriculum and Pedagogy Seminar)
• EDUC 302 (Practice Teaching Seminar) and EDUC 303 (Practice Teaching) These courses are taken concurrently and earn triple credit.

Furthermore, for social studies certification, as well as certification in the sciences, students must take courses outside their major to meet state standards.

Students preparing for certification must also take two English and two mathematics courses and must attain a grade point average of 3.0 or higher (state requirements). They must attain a grade of 2.7 or higher in EDUC 200 (Critical Issues in Education) and EDUC 301 (Curriculum and Pedagogy Seminar) in order to practice-teach and must attain a grade of 2.7 or higher in EDUC 302 (Practice Teaching Seminar) to be recommended for certification. They must also be recommended by the director of the Education Program and the chair of their major department.

Critical Issues in Education should be taken by the end of the sophomore year if at all possible. The Curriculum and Pedagogy Seminar is offered during the fall semester for seniors and must precede Practice Teaching.

Practice Teaching is undertaken for 12 weeks in a local school during the spring semester of the senior year. Note: Practice Teaching is a commitment to be at a school for five full school days each week for those 12 weeks.

Requirements for the Minor in Educational Studies

The Bi-College minor in educational studies is an interdisciplinary exploration of the cultural, political, and interactional dimensions of teaching and learning and is designed for students with a broad range of education-related interests, such as plans for graduate study in education, pursuit of elementary or secondary certification after graduation or careers that require educational expertise. Many professions and pursuits—management and training positions, research, administration and policy work, and careers in social work, health and law—involves using an educator’s skills and knowledge. Civic engagement, community development and work towards social justice also require knowledge of how people learn. Because students interested in these or other education-related pursuits major in different subject areas and have different aspirations, they are encouraged to design a minor appropriate both to their major area of study and to their anticipated futures.

All minors in educational studies must consult with a program adviser to design a coherent course of study that satisfies the requirements below:

• EDUC 200 Critical Issues in Education
• Two required education courses (EDUC 210, 220, 225, 240, 250, 255, 260, 266, 270, 275, 280—see course descriptions below)
• One education-related elective (see program adviser for options)
• EDUC 310 Defining Educational Practice
• EDUC 311 Fieldwork Seminar

Students must attain a grade of 2.7 or higher in EDUC 310 (Defining Education Practice) in order to take EDUC 311 (Fieldwork Seminar).

The Portfolio/Final Project

To synthesize their work in the minor or the certification program, students create a portfolio (Education Minors also may have the option of completing a final project in lieu of the portfolio). The portfolio or final project draws on the work students produce in their courses as well as in their other activities (volunteering, summer programs, community work, etc.) and serves as a summative expression of what education students do and learn in preparation for their futures as educators.

Title II Reporting: Title II of the Higher Education Act (HEA) requires that a full teacher preparation report, including the institution’s pass rate as well as the state’s pass rate, be available to the public on request. Copies of the report may be requested from Ann Brown by e-mail at abrown@brynmawr.edu or phone at (610) 526-5376.

EDUC B200 Critical Issues in Education

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 who are not yet certain about their career aspirations but are interested in educational issues. The course examines major issues in education in the United States within the conceptual framework of educational reform. Fieldwork in an area school required (six visits, 1.5-2 hours per visit). Enrollment is limited to 25 students with priority given to students pursuing certification or the minor in educational studies. Writing intensive. (Cohen, Division I: Social Science)

EDUC B205 Brain, Education and Inquiry

(Grobstein, Division II: Natural Science)
Cross-listed as BIOL B205
EDUC H210 Perspectives on Special Education

The goal of this course 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. Students will learn 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 a-typical learners, students with disabilities, and how to meet diverse student needs in a classroom. Two hours of fieldwork per week required.
(Flaks)

EDUC B219 Writing in Theory/Writing in Practice

(Hemmeter, Division III: Humanities)
Cross-listed as ENGL B220
Not offered in 2010-11.

EDUC B220 Changing Pedagogies in Mathematics and Science (1/2 credit)

This course examines perspectives related to teaching and learning math and science, including questioning why (if at all) it is important for people to learn these subjects, what is viewed as successful teaching and learning in these disciplines, and how people learn math and science. Fieldwork in an area school required.
(Glasser, Division I: Social Science)

EDUC B225 Empowering Learners: Theory and Practice of Extra-Classroom Teaching

This Praxis course is for students in extra-classroom tutoring and mentoring roles on and off campus. In addition to school settings, sites of play and livelihood are examined as sites of teaching and learning for people of various ages and phases of life. Focus is on learning to facilitate and assess learners' growth within a context, challenging prescribed roles, and identifying structural barriers and opportunities.
(Lesnick)
This is a half-credit course.

EDUC H240 Researching Education on Campus

This course teaches students to use and interpret observation, survey, interview, focus group, and other qualitative methods of educational research, as well as to read and write about such research. Students work in teams to design and begin carrying out campus-based action research projects in areas of concern to Bi-College stakeholders. In addition to class meetings, research teams meet regularly.
(Lesnick, Division I: Social Science)

EDUC H250 Literacies and Education

A critical exploration of what counts as literacy, who decides, and what the implications are for teaching and learning. Students explore both their own and others experiences of literacy through reading and writing about power, privilege, access and responsibility around issues of adult, ESL, cultural, multicultural, gendered, academic and critical literacies. Fieldwork required.
(Writing Intensive). Priority given to those pursuing certification or a minor in educational studies.
(Cohen, Division I: Social Science)
Not offered in 2010-11.

EDUC B251 Arts Teaching in Educational and Community Settings

(Cantor, Division III: Humanities)
Cross-listed as ARTA B251
Not offered in 2010-11.

EDUC B255 Technology, Education and Society Altering Environments

Examines theories and applications of technology's role in education and the impact on teaching, learning, and society. Students investigate experiences with technology and explore and critically examine resources and their intersection with issues of power, knowledge, culture, and society. The aim is for students to develop as technological agents who can alter society through enriching educational opportunities.
(Glasser, Lesnick, Division I: Social Science)
This is a half-credit course.

EDUC B266 Schools in American Cities

This course examines issues, challenges, and possibilities of urban education in contemporary America. We use as critical lenses issues of race, class, and culture; urban learners, teachers, and school systems; and restructuring and reform. While we look at urban education nationally over several decades, we use Philadelphia as a focal "case" that students investigate through documents and school placements. Enrollment is limited to 25 with priority given to students pursuing certification or the minor in educational studies and to majors in Sociology and Growth and Structure of Cities. This is a Praxis I course (weekly fieldwork in a school required).
(Cohen, Division I: Social Science)
Cross-listed as CITY B266
Cross-listed as SOCL B266

EDUC B270 Identity, Access, and Innovation in Education

This course explores formal policies that attempt to address race, gender, and language in education and the informal ways that such policies play out in access to
education and in knowledge construction and production. Participatory action research involves students in working with an urban high school.

(Cohen, Division I: Social Science)

**EDUC B275 English Learners in U.S. Schools: Policies and Practices**

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. Prerequisite: EDUC 200 (Critical Issues in Education). This is a Praxis I course (weekly fieldwork in a school or other educational setting).

(Cohen, Division I: Social Science)

**EDUC B280 Gender, Sex and Education: Intersections and Conflict**

This course explores the intersections and conflict between gender and education through focus on science/mathematics education and related academic domains. It investigates how gender complicates disciplinary knowledge (and vice-versa), the (de)constructing and reinforcing of genders (via science and schooling), and ways gender troubles negotiation of disciplines. Implications for teaching, society, and social justice, as well as relationships among different cultural categories, will be explored.

(Glasser, Division I: Social Science)

**EDUC B301 Curriculum and Pedagogy Seminar**

A consideration of theoretical and applied issues related to effective curriculum design, pedagogical approaches and related issues of teaching and learning. Fieldwork is required. Enrollment is limited to 15 with priority given first to students pursuing certification and second to seniors planning to teach.

(Curl, Division I: Social Science)

**EDUC H302 Practice Teaching Seminar**

Drawing on participants’ diverse student teaching placements, this seminar invites exploration and analysis of ideas, perspectives and approaches to teaching at the middle and secondary levels. Taken concurrently with Practice Teaching. Open only to students engaged in practice teaching.

(Curl, Division I: Social Science)

**EDUC B303 Practice Teaching in Secondary Schools**

Supervised teaching in secondary schools (12 weeks). Two units of credit are given for this course. Open only to students preparing for state certification.

(Curl)

**EDUC H310 Defining Educational Practice**

An interdisciplinary inquiry into the work of constructing and researching professional identities and roles in education-related contexts. Three to five hours a week of fieldwork are required. Enrollment is limited to 20 with priority given to students pursuing the minor in educational studies.

(Lesnick, Division I: Social Science)

**EDUC B311 Fieldwork Seminar**

Drawing on the diverse contexts in which participants complete their fieldwork, this seminar invites exploration and analysis of ideas, perspectives and different ways of understanding his/her ongoing fieldwork and associated issues of educational practice, reform, and innovation. Five to eight hours of fieldwork are required per week. Enrollment is limited to 20. Open only to students completing the minor in educational studies.

(Cohen)

**EDUC B377 Politics of Education Reform**

(Cross-listed as POLS B377

Not offered in 2010-11.

**EDUC B403 Supervised Work**

(Cohen, Cook-Sather, Lesnick)

**EDUC B425 Independent Study (Praxis III)**

(Cohen, Cook-Sather, Lesnick)

**EDUC B433 Practice Teaching in Secondary Schools**

Supervised teaching in secondary schools (12 weeks) – for students enrolled in the Post-baccalaureate Teacher Education Program. Two units of credit are given for this course. Open only to non-matriculating students preparing for state certification.

(Curl)
English

Students may complete a major or minor in English. Within the major, students may complete a concentration in Creative Writing. English majors may also complete concentrations in Africana Studies, in Environmental Studies or in Gender and Sexuality.

Faculty

Linda-Susan Beard, Associate Professor
Peter M. Briggs, Professor
Anne Lindsey Bruder, Lecturer
Anne F. Dalke, Senior Lecturer
Eleanor Jane Hedley, Professor
Gail C. Hemmeter, Senior Lecturer
Hoang Tan Nguyen, Assistant Professor
Katherine A. Rowe, Professor and Chair
Bethany Schneider, Associate Professor
Jamie K. Taylor, Assistant Professor
Kate Louise Thomas, Associate Professor
Karen Tidmarsh, Associate Professor (on leave semester I)
Michael Tratner, Professor

A rich variety of courses allows students to engage with all periods and genres of literature in English, as well as modern forms such as film and contemporary digital media. The department stresses critical thinking, incisive written and oral analysis, and a sense of initiative and responsibility for the enterprise of interpretation.

With their advisers, English majors design a program of study that deepens their understanding of diverse genres, textual traditions, and periods. We encourage students to explore the history of cultural production and reception and also to question the presuppositions of literary study. The major culminates in an independently written essay, developed during a senior research seminar in the fall semester and individually mentored by a faculty member in the spring.

Summary of the Major

• Eight courses, including at least three at the 300 level (exclusive of 398 and 399)
• ENGL B250 Methods of Literary Interpretation
• ENGL B398 Senior Seminar
• ENGL B399 Senior Essay

As students construct their English major, they should seek to include courses that provide:

• Historical depth—a sense of the construction of traditions.
• Formal breadth—experience with more than one genre and more than one medium: poetry, prose fiction, drama, letters, film, epic, non-fiction, essays, documentary, etc.
• Cultural range—experience with the Englishes of more than one geographical location and more than one cultural tradition, and of the exchanges and transactions between them; a course from another language or literary tradition can be valuable here.
• Different critical and theoretical frameworks—the opportunity to experiment with several models of interpretation and the debates that animate them.

Summary of the Minor

• ENGL B250 Methods of Literary Interpretation
• Five English electives (at least one at the 300 level).

Minor in Film Studies

There is no limit to the number of courses in film studies that may count toward the English major, except for a student majoring in English who is also seeking to declare a minor in film studies. In that case two (and only two) of the courses that comprise the six-course film studies minor may also count towards the 11-course English major. The minimum number of courses required to complete an English major and a minor in film studies will thus be 15 courses.

Concentration in Creative Writing

Students may elect a concentration in creative writing. This option requires that, among the eight course selections besides ENGL 250, 398 and 399, three units will be in creative writing; one of the creative writing units may be at the 300 level and may count as one of the three required 300-level courses for the major. Students enrolling in this concentration must seek the approval of their major adviser in English and of the director of the Creative Writing Program; they must enroll in the concentration before the end of their sophomore year.

Other Concentrations

The Department of English contributes courses toward concentrations in Africana Studies, in Environmental Studies, and in the Program in Gender and Sexuality.

ENGL B125 Writing Workshop

This course offers students who have already taken an Emily Balch Seminar an opportunity to develop their skills as college writers. Through frequent practice,
class discussion, and in-class collaborative activity, students will become familiar with all aspects of the writing process and will develop their ability to write for an academic audience. The class will address a number of writing issues: formulating questions; analyzing purpose; generating ideas; structuring and supporting arguments; marshalling evidence; using sources effectively; and developing a clear, flexible academic voice. Students will meet regularly with the course instructor, individually and in small groups, to discuss their work.
(Callaghan, Ruben, Division III: Humanities)

ENGL B126 Writing Workshop for Non-Native Speakers of English

This course offers non-native speakers of English a chance to develop their skills as college writers. Through frequent practice, class discussion, and in-class collaborative activity, students will become familiar with the writing process and will learn to write for an academic audience. Student writers in the class will be guided through the steps of composing and revising college essays: formulating questions; analyzing purpose; generating ideas; structuring and supporting arguments; marshalling evidence; using sources effectively; and developing a clear, flexible academic voice. Writers will receive frequent feedback from peers and the instructor.
(Litsinger)

ENGL B201 Chaucer: Canterbury Tales

Access to and skill in reading Middle English will be acquired through close study of the Tales. Exploration of Chaucer’s narrative strategies and of a variety of critical approaches to the work will be the major undertakings of the semester.
(Taylor, Division III: Humanities)
Not offered in 2010-11.

ENGL B202 Understanding Poetry

This course is for students who wish to develop their skills in reading and writing critically about poetry. The course will provide grounding in the traditional skills of prosody (i.e., reading accentual, syllabic, and accentual-syllabic verse) as well as tactics for reading and understanding the breath-based or image-based prosody of free verse. Lyric, narrative, and dramatic poetry will be discussed and differentiated. We will be using close reading and oral performance to highlight the unique fusion of language, rhythm (sound), and image that makes poetry different from prose.
(Hedley, Division III: Humanities)

ENGL B204 Literatures of American Expansion

This course will explore the relationship between U.S. narratives that understand national expansion as “manifest destiny” and narratives that understand the same phenomenon as imperial conquest. We will ask why the ingredients of such fictions—dangerous savages, empty landscapes, easy money, and lawless violence—often combine to make the master narrative of “America,” and we will explore how and where that master narrative breaks down. Critical readings will engage discourses of nation, empire, violence, race, and sexuality. Texts will include novels, travel narratives, autobiographies, legal documents, and cultural ephemera.
(Schneider, Division III: Humanities)
Not offered in 2010-11.

ENGL B205 Introduction to Film

This course is intended to provide students with the tools of critical film analysis. Through readings of images and sounds, sections of films and entire narratives, students will cultivate the habits of critical viewing and establish a foundation for focused work in film studies. The course introduces formal and technical units of cinematic meaning and categories of genre and history that add up to the experiences and meanings we call cinema. Although much of the course material will focus on the Hollywood style of film, examples will be drawn from the history of cinema. Attendance at weekly screenings is mandatory.
(Tratner, Division III: Humanities)
Cross-listed as HART B205

ENGL B209 Literary Kinds

Beginning with a biological evolutionary model, we examine a range of explanations for how and why new genres evolve. Readings will consist of critical accounts of genre; three hybrid novel forms will serve as imaginative test cases for these concepts. Students will identify, compare, and write an exemplar of a genre that interests them.
(Dalke, Division III: Humanities)
Not offered in 2010-11.

ENGL B210 Renaissance Literature: Performances of Gender

Readings chosen to highlight the construction and performance of gender identity during the period from 1550 to 1650 and the ways in which the gender anxieties of 16th- and 17th-century men and women differ from, yet speak to, our own. Texts will include plays, poems, prose fiction, diaries, and polemical writing of the period.
(Hedley, Division III: Humanities)
Not offered in 2010-11.

ENGL B214 Here and Queer: Placing Sexuality

The power of the marching-cry “We’re here. We’re queer. Get used to it.” emanates from the ambiguity of the adverb “here.” Where is “here?” In the face of exclusion from civic domains, does queerness form its own geography or nationality? This course will ask what it means to imagine a queer nation, and will work towards
theorizing relations between modern constructions of sexuality, nationality, and ethnicity. We will pay particular attention to the ways in which assertion of queer presence can cut both ways: both countering discourses of displacement and functioning as vehicles for colonial or racial chauvinism.

(Thomas, Division III: Humanities)

Not offered in 2010-11.

ENGL B219 Facing the Facts/Essaying the Subjective

Nonfictional prose genres, which may well constitute the majority of all that has been written, are very seldom the focus of literature courses. This class will address that gap, by exploring the use-value of the category of nonfictional prose in organizing our experience of, and our thinking about, literature. Might our attending to such texts alter our sense of what literature is?

(Dalke, Division III: Humanities)

ENGL B220 Writing in Theory/Writing in Practice

This course is designed for students interested in tutoring college or high-school writers or teaching writing at the secondary-school level. Readings in current composition studies will pair texts that reflect writing theory with those that address practical strategies for working with academic writers. To put pedagogic theory into practice, the course will offer a praxis dimension. Students will spend a few hours a week working in local public school classrooms or writing centers. In-class collaborative work on writing assignments will allow students to develop writing skills and share their insights into the writing process with others.

(Hemmeter, Division III: Humanities)

Cross-listed as EDUC B219

Not offered in 2010-11.

ENGL B223 The Story of Evolution and the Evolution of Stories

In this course we will experiment with two interrelated and reciprocal inquiries—whether the biological concept of evolution is a useful one in understanding the phenomena of literature (in particular, the generation of new stories), and whether literature contributes to a deeper understanding of evolution. We will begin with science texts that explain and explore evolution and turn to stories that (may) have grown out of one another, asking where they come from, why new ones emerge, and why some disappear. We will consider the parallels between diversity of stories and diversity of living organisms.

Lecture three hours a week.

(Dalke, Grobstien, Division II or Division III)

Cross-listed as BIOL B223

ENGL B225 Shakespeare

This introduction to Shakespeare’s plays will explore the Bard’s language, sources, print and stage history, and cultural geography. We’ll think about form and performance, race and nationhood, authority and intimacy, gender and servitude, law and land. We’ll read several plays and poems, watch film adaptations, and attend a stage performance.

(Staff, Division III: Humanities)

ENGL B229 Movies and Mass Politics

This course will trace in the history of movie forms a series of debates about the ways that nations can become mass societies, focusing mostly on the ways that Hollywood movies countered the appeals of Communism and Fascism.

(Tratner, Division III: Humanities)

Cross-listed as COML B229

Not offered in 2010-11.

ENGL B230 Topics in American Drama

Considers American plays of the 20th century, reading major playwrights of the canon alongside other dramatists who were less often read and produced. Will also study later 20th century dramatists whose plays both develop and resist the complex foundation established by canonical American playwrights and how American drama reflects and responds to cultural and political shifts. Considers how modern American identity has been constructed through dramatic performance, considering both written and performed versions of these plays.

(Hemmeter, Division III: Humanities)

Cross-listed as ARTT B230

ENGL B231 Modernism in Anglo-American Poetry: After Us the Savage God

This course will familiarize students with the broad outlines of that movement in all the arts known as Modernism, and in particular, with Modernism as it was evolved in Anglo-American poetry—both from its American sources (Marianne Moore, Wallace Stevens, William Carlos Williams) and from its European sources (T.S. Eliot, Ezra Pound, Gertrude Stein). The course prepares students for ENGL 232, American Poetry Since World War II; together, these courses are intended to provide an overview of American poetry in the 20th century.

(Kirchwey, Division III: Humanities)

Not offered in 2010-11.

ENGL B233 Spenser and Milton

The course is equally divided between Spenser’s Faerie Queene and Milton’s Paradise Lost, with additional short readings from each poet’s other work.

(Tratner, Division III: Humanities)

Not offered in 2010-11.
ENGL B234 Postcolonial Literature in English
This course will survey a broad range of novels and poems written while countries were breaking free of British colonial rule. Readings will also include cultural theorists interested in defining literary issues that arise from the postcolonial situation.
(Tratner, Division III: Humanities)
Cross-listed as COML B234
Not offered in 2010-11.

ENGL B238 The History of Cinema 1895 to 1945
Silent Film: From United States to Soviet Russia and Beyond
This course will explore cinema from its earliest, most primitive beginnings up to the end of the silent era. While the course will focus on a variety of historical and theoretical aspects of cinema, the primary aim is to look at films analytically. Emphasis will be on the various artistic methods that went into the direction and production of a variety of celebrated silent films from around the world. These films will be considered in many contexts: artistic, historical, social, and even philosophical, so that students can develop a deeper understanding of silent cinema’s rapid evolution.
(Harte, Division III: Humanities)
Cross-listed as COML B238
Cross-listed as HART B238
Cross-listed as RUSS B238

ENGL B239 Women and Cinema: Social Agency and Cultural Representation
(Gorfinkel, Division III: Humanities)
Cross-listed as HART B239
Not offered in 2010-11.

ENGL B241 Modern Drama
A survey of modern drama from the 19th century to the present, beginning with Georg Buchner and ending with living writers. We will explore the formation of modern sensibilities in playwriting through careful study of the evolution of dramatic form and the changing relationship between written text and performance.
(Lord, Division III: Humanities)
Cross-listed as ARTT B241
Not offered in 2010-11.

ENGL B242 Historical Introduction to English Poetry I
This course traces the development of English poetry from 1360 to 1700, emphasizing forms, themes, and conventions that have become part of the continuing vocabulary of poetry, and exploring the strengths and limitations of different strategies of interpretation. Featured poets: Chaucer, Jonson, Shakespeare, Donne, and Milton.
(Briggs, Division III: Humanities)

ENGL B243 Historical Introduction to English Poetry II
The development of English poetry from 1700 to the present. This course is a continuation of ENGL 242 but can be taken independently. Featured poets: Wordsworth, Browning, Christina Rossetti, Yeats, Heaney, Walcott.
(Briggs, Division III: Humanities)

ENGL B250 Methods of Literary Study
We will explore the power of language in a variety of linguistic, historical, disciplinary, social, and cultural contexts, focusing on the power of the written word to provide a foundational basis for the critical and creative analysis of literary studies. This course will help to broaden our ideas of what texts and language accomplish socially, historically, and aesthetically. Students will thus refine their faculties of reading closely, writing incisively and passionately, asking productive questions, producing their own compelling interpretations, and listening to the insights offered by others. Limited to sophomores and juniors.
(Beard, Taylor, Thomas, Division III: Humanities)

ENGL B254 Female Subjects: American Literature 1750-1900
This course explores the subject, subjection, and subjectivity of women and female sexualities in U.S. literatures between the signing of the Constitution and the ratification of the 19th Amendment. While the representation of women in fiction grew and the number of female authors soared, the culture found itself at pains to define the appropriate moments for female speech and silence, action and passivity. We will engage a variety of pre-suffrage literatures that place women at the nexus of national narratives of slavery and freedom, foreignness and domesticity, wealth and power, masculinity and citizenship, and sex and race “purity.”
(Schneider, Division III: Humanities)

ENGL B256 Milton and Dissent
John Milton’s epic poem, Paradise Lost, was written during a period of cultural turmoil and innovation. This renaissance poem has helped shape the way later writers understand their profession, especially their obligation to foster dissent as a readerly practice. Exploring this legacy, readings interleave Paradise Lost and Milton’s political writings with responses by later revolutionary writers, from Blake to Philip Pullman.
(Rowe, Division III: Humanities)

ENGL B257 Gender and Technology
Explores the historical role technology has played in the production of gender; the historical role gender has played in the evolution of various technologies; how the co-construction of gender and technology has been represented in a range of on-line, filmic, fictional, and
critical media; and what all of the above suggest for the technological engagement of everyone in today’s world.
(Dalke, McCormack, Division III: Humanities)
Cross-listed as CMSC B257

ENGL B258 Finding Knowledge Between the Leaves: 19th-Century Literature of Education

This class will examine innovative extra-institutional methods and spaces of learning. We will explore a genealogy of unconventional and progressive models of instruction found in imaginative literature, in personal letters, and in material culture. Our readings will range from novels by Catharine Maria Sedgwick and Louisa May Alcott to poetry and letters by Walt Whitman and Emily Dickinson to personal narratives by Henry David Thoreau and Booker T. Washington.
(Bruder, Division I or Division III)
Cross-listed as EDUC B258

ENGL B259 Victorian Literature and Culture

Examines a broad range of Victorian poetry, prose, and fiction in the context of the cultural practices, social institutions, and critical thought of the time. Of particular interest are the revisions of gender, sexuality, class, nation, race, empire, and public and private life that occurred during this period.
(Thomas, Division III: Humanities)

ENGL B262 Survey in African American Literature: Laughin' to Keep from Cryin'

A study of African American representations of the comedic in literary and cinematic texts, in the mastery of an inherited deconstructive muse from Africa, and in lyrics that journey from African insult poetry to Caribbean calypso to contemporary rap. We will examine multiple theories about the shape and use of comedy, and decide what amendments and emendments to make to these based on the central texts of our analysis.
(Beard, Division III: Humanities)
Not offered in 2010-11.

ENGL B263 Toni Morrison and the Art of Narrative Conjure

All of Morrison’s primary imaginative texts, in publication order, as well as essays by Morrison, with a series of critical lenses that explore several vantages for reading a conjured narration.
(Beard, Division III: Humanities)

ENGL B264 Black Bards: Poetry in the Diaspora

An interrogation of poetic utterance in works of the African diaspora, primarily in English, this course addresses a multiplicity of genres, including epic, lyric, sonnet, rap, and mimoic jazz. The development of poetic theories at key moments such as the Harlem Renaissance and the Black Arts Movement will be explored. Prerequisite: Any course in poetry or African/American literature.
(Beard, Division III: Humanities)
Not offered in 2010-11.

ENGL B268 Native Soil and American Literature: 1492-1900

This course will consider the literature of contact and conflict between English-speaking whites and Native Americans between the years 1492 and 1920. We will focus on how these cultures understood the meaning and uses of land, and the effects of these literatures of encounter upon American land and ecology and vice-versa. Texts will include works by Native, European- and African-American writers, and may include texts by Christopher Columbus, John Smith, William Bradford, Handsome Lake, Samson Occom, Lydia Maria Child, Nathaniel Hawthorne, Sarah Winnemucca Hopkins, John Rollin Ridge, Mark Twain, Mourning Dove, Ella Deloria and Willa Cather.
(Schneider, Division III: Humanities)

ENGL B269 Vile Bodies in Medieval Literature

The Middle Ages imagined the physical body as the site of moral triumph and failure and as the canvas to expose social ills. The course examines medical tracts, saint’s lives, poetry, theological texts, and representations of the Passion. Discussion topics range from plague and mercantilism to the legal and religious depiction of torture. Texts by Boccaccio, Chaucer, Dante, and Kempe will be supplemented with contemporary readings on trauma theory and embodiment.
(Taylor, Division III: Humanities)

ENGL B270 American Girl: Childhood in U.S. Literatures, 1690-1935

This course will focus on the “American Girl” as a particularly contested model for the nascent American. Through examination of religious tracts, slave and captivity narratives, literatures for children and adult literatures about childhood, we will analyze U.S. investments in girlhood as a site for national self-fashioning.
(Schneider, Division III: Humanities)
Not offered in 2010-11.

ENGL B271 House of Wits

An extended visit with one of America’s most interesting and influential families: the unruly, expansive children of Henry James, Sr. The course will focus on the remarkable writings of the diarist Alice, who became a feminist icon; the great novelist Henry; and the groundbreaking psychologist and philosopher William.
(Dalke, Division III: Humanities)
Not offered in 2010-11.
ENGL B275 Food Revolutions: History, Politics, Culture

This course traces an arc from the industrial revolution of the 18th and 19th centuries through to the present day food crisis. We will explore the cultural, political, philosophical, ethical and ecological histories of what and how we eat, and look towards sustainable, biodiverse and local agriculture.
(Werlen, Thomas, Division III: Humanities)
Not offered in 2010-11.

ENGL B277 Nabokov in Translation

(Harte, Division III: Humanities)
Cross-listed as RUSS B277
Not offered in 2010-11.

ENGL B279 Introduction to African Literature

Taking into account the oral, written, aural and visual forms of African “texts” over several thousand years, this course will explore literary production, translation and audience/critical reception. Representative works to be studied include oral traditions, the Sundiata Epic, Chinua Achebe’s Anthills of the Savannah, Ayi Kwei Armah’s Fragments, Mariama Bâ’s Si Longe une Lettre, Tsitsi Danga-rembga’s Nervous Conditions, Bessie Head’s Maru, Sembène Ousmane’s Xala, plays by Wole Soyinka and his Burden of History, The Muse of Forgiveness and Ngugi wa Thiong’o’s A Grain of Wheat. We will address the “transliteration” of Christian and Muslim languages and theologies in these works.
(Leiser, Division III: Humanities)
Cross-listed as COML B279
Not offered in 2010-11.

ENGL B284 Women Poets: Giving Eurydice a Voice

This course covers English and American woman poets of the 19th and 20th centuries whose gender was important for their self-understanding as poets, their choice of subject matter, and the audience they sought to gain for their work. Featured poets include Elizabeth Bishop, Gwendolyn Brooks, Elizabeth Barrett Browning, Lucille Clifton, H.D., Emily Dickinson, Marianne Moore, Sylvia Plath, Adrienne Rich, Christina Rossetti, Anne Sexton, and Gertrude Stein.
(Hedley, Division III: Humanities)

ENGL B290 Modernisms

This course will investigate a wide range of works that have been labeled “modernist” in order to raise the question, “Was there one modernism or were there many disparate and competing ones?”
(Tratner, Division III: Humanities)
Not offered in 2010-11.

ENGL B292 The Play of Interpretation

(Seyhan, Division III: Humanities)
Cross-listed as COML B293
Cross-listed as PHIL B293

ENGL B293 Critical Feminist Studies: An Introduction

Combines the study of specific literary texts with larger questions about feminist forms of theorizing. A course reader will be supplemented with three fictional texts to be selected by the class. Students will review current scholarship, identify their own stake in the conversation and define a critical question they want to pursue at length.
(Dalke, Division III: Humanities)
Not offered in 2010-11.

ENGL B294 Art and Exploitation: Gender and Sexuality in 1960s American Cinema

(Gorfinkel, Division III: Humanities)
Cross-listed as HART B294
Not offered in 2010-11.

ENGL B296 Introduction to Medieval Drama

Introduces students to the major types of dramatic production in the Middle Ages: mystery plays, morality plays, and miracle plays. Also examines early Protestant political drama known as “interludes” and the translation of medieval plays into contemporary films and novellas. Explores the construction of local communities around professional acting and production guilds, different strategies of performance, and the relationship between the medieval dramatic stage and other kinds of “stages.”
(Taylor, Division III: Humanities)
Cross-listed as ARTT B296
Not offered in 2010-11.

ENGL B299 History of Narrative Cinema

(King, Division III: Humanities)
Cross-listed as HART B299
Not offered in 2010-11.

ENGL B303 Piers Plowman

A contemporary of Chaucer, William Langland dedicated his life to writing and rewriting a moving poem that questions the relationship between artistic expression, social activism, and spiritual healing. We will read his great text, Piers Plowman, both as our subject and point of departure for thinking about the literary, political, and religious cultures in late 14th- and early 15th-century England. In addition, we will contextualize the poem using selections from penitential manuals, legal
documents, treatises on translation, and rebel broadsides, as well as texts by contemporary authors (including Chaucer, Gower and Lydgate). (Taylor, Division III: Humanities) Not offered in 2010-11.

ENGL B305 Sociology of Culture

(Washington) Cross-listed as SOCL B325 Not offered in 2010-11.

ENGL B306 Film Theory

An introduction to major developments in film theory and criticism. Topics covered include: the specificity of film form; cinematic realism; the cinematic “author”; the politics and ideology of cinema; the relation between cinema and language; spectatorship, identification, and subjectivity; archival and historical problems in film studies; the relation between film studies and other disciplines of aesthetic and social criticism. Each week of the syllabus pairs critical writing(s) on a central principle of film analysis with a cinematic example. Class will be divided between discussion of critical texts and attempts to apply them to a primary cinematic text. (King, Division III: Humanities) Cross-listed as COML B306 Cross-listed as HART B306 Not offered in 2010-11.

ENGL B309 Native American Literature

This course focuses on late-20th-century Native literatures that attempt to remember and redress earlier histories of dispersal and genocide. We will ask how various writers with different tribal affiliations engage in discourses of humor, memory, repetition, and cultural performance to refuse, rework, or lampoon inherited constructions of the “Indian” and “Indian” history and culture. We will read fiction, film, and contemporary critical approaches to Native literatures alongside much earlier texts, including oral histories, political speeches, law, and autobiography. Readings may include works by Sherman Alexie, Diane Glancy, Thomas King, N. Scott Momaday, Leslie Marmon Silko, and Gerald Vizenor. (Schneider, Division III: Humanities)

ENGL B311 Renaissance Lyric

(Hedley, Division III: Humanities) Not offered in 2010-11.

ENGL B314 Troilus and Criseyde

Examines Chaucer’s magisterial Troilus and Criseyde, his epic romance of love, loss, and betrayal. We will supplement sustained analysis of the poem with primary readings on free will and courtly love as well as theoretical readings on gender and sexuality and translation. We will also read Boccaccio’s Il Filostrato, Robert Henryson’s Testament of Cresseid and Shakespeare’s Troilus and Cressida. (Taylor) Cross-listed as COML B314

ENGL B315 Experimental Fictions, 1675 to 1800

This course will examine a deliberately eclectic set of readings, mostly in prose, in order to explore different dimensions—aesthetic, social, psychological, substantive—of 18th-century creativity. Readings will range from Bunyan and Defoe to Fielding and Sterne, from Aphra Behn to William Hogarth to Frances Burney. (Briggs, Division III: Humanities) Not offered in 2010-11.

ENGL B322 Love and Money

This course focuses on literary works that explore the relationship between love and money. We will seek to understand the separate and intertwined histories of these two arenas of human behavior and will read, along with literary texts, essays by influential figures in the history of economics and sexuality. The course will begin with The Merchant of Venice, proceed through Pride and Prejudice to The Great Gatsby, and end with Hollywood movies. (Tratner, Division III: Humanities)

ENGL B323 Movies, Fascism, and Communism

Movies and mass politics emerged together, altering entertainment and government in strangely similar ways. Fascism and communism claimed an inherent relation to the masses and hence to movies; Hollywood rejected such claims. We will examine films alluding to fascism or communism, to understand them as commenting on political debates and on the mass experience of movie going. (Tratner, Division III: Humanities) Not offered in 2010-11.

ENGL B324 Topics in Shakespeare: Shakespeare on Film

Films and play texts vary from year to year. The course assumes significant prior experience of Shakespearean drama and/or Renaissance drama. (Rowe, Division III: Humanities) Not offered in 2010-11.

ENGL B333 Lesbian Immortal

Lesbian literature has repeatedly figured itself in alliance with tropes of immortality and eternity. Using recent queer theory on temporality, and 19th and 20th century primary texts, we will explore topics such as: fame and notoriety; feminism and mythology; epistemesis, erotics and sexual seasonality; the death drive and the uncanny; fin de siecle manias for mummies and seances. (Thomas, Division III: Humanities) Not offered in 2010-11.
ENGL B334 Topics in Film Studies: Queer Cinema in a Transnational Frame

The course explores how communities and subjects designated as "queer" have been rendered in/visible in the cinema. It also examines how queer subjects have responded to this in/visibility through non-normative viewing practices and alternative film and video production. We will consider queer traditions in documentary, avant-garde, transgender, AIDS, and global cinemas.

(Nguyen, Division III: Humanities)
Cross-listed as HART B334
Not offered in 2010-11.

ENGL B336 Topics in Film

This course examines experimental film and video from the 1930's to present. It will concentrate on the use of found footage: the reworking of existing imagery in order to generate new aesthetic frameworks and cultural meanings. Key issues to be explored include copyright, piracy, archive, activism, affect, aesthetics, interactivity and fandom.

(Nguyen, Division III: Humanities)
Cross-listed as HART B336
Not offered in 2010-11.

ENGL B337 Contemplating Art Cinema: Michael Haneke, Claire Denis, and the Dardenne Brothers

(Gorfinkel, Division III: Humanities)
Cross-listed as HART B337
Not offered in 2010-11.

ENGL B349 Theories of Authorship in the Cinema

(King, Division III: Humanities)
Cross-listed as HART B349
Not offered in 2010-11.

ENGL B354 Virginia Woolf

Virginia Woolf has been interpreted as a feminist, a modernist, a crazy person, a resident of Bloomsbury, a victim of child abuse, a snob, a socialist, and a creation of literary and popular history. We will try out all these approaches and examine the features of our contemporary world that influence the way Woolf, her work, and her era are perceived. We will also attempt to theorize about why we favor certain interpretations over others.

(Tratner, Division III: Humanities)

ENGL B356 Endgames: Theater of Samuel Beckett

(Lord, Division III: Humanities)
Cross-listed as ARTT B356
Not offered in 2010-11.

ENGL B359 Dead Presidents

Framed by the extravagant funerals of Presidents Washington and Lincoln, this course explores the cultural importance of the figure of the President and the Presidential body, and of the 19th-century preoccupations with death and mourning, in the U.S. cultural imaginary from the Revolutionary movement through the Civil War.

(Schneider, Division III: Humanities)
Not offered in 2010-11.

ENGL B360 Women and Law in the Middle Ages

Studies the development of legal issues that affect women, such as marriage contracts, rape legislation, prostitution regulation, and sumptuary law, including the prosecution of witches in the 14th and 15th centuries in official documents and imaginative fictions that deploy such legislation in surprising ways. Asks how texts construct and interrogate discourses of gender, sexuality, criminality, and discipline. Broadly views the overlap between legal and literary modes of analysis. Examines differences between “fact” and “fiction” and explores blurred distinctions.

(Taylor, Division III: Humanities)
Not offered in 2010-11.

ENGL B362 African American Literature: Hypercanonical Codes

Intensive study of six 18th-21st century hypercanonical African American written and visual texts (and critical responses) with specific attention to the tradition’s long use of speaking in code and in multiple registers simultaneously. Focus on language as a tool of opacity as well as transparency, translation, transliteration, invention and resistance. Previous reading required.

(Tratner, Division III: Humanities)
Not offered in 2010-11.

ENGL B364 Slum Fiction

David Simon’s acclaimed television show The Wire has repeatedly been related to the Victorian novel. This course links Victorian London and 20th-century Baltimore by studying: literary relations between Dickens and Poe; slum writing; the rise of the state institution; a genealogy of serial fiction from the nineteenth century novel to television drama.

(Thomas, Division III: Humanities)

ENGL B367 Asian American Film Video and New Media

The course explores the role of pleasure in the production, reception, and performance of Asian American identities in film, video, and the internet, taking as its focus the sexual representation of Asian Americans in works produced by Asian American artists from 1915 to present. In several units of the course, we will study graphic sexual representations, including pornographic images and sex acts some may find objectionable. Students should be prepared to engage analytically with all class material. To maintain an atmosphere of mutual
ENGL B369 Women Poets: Gwendolyn Brooks, Adrienne Rich, Sylvia Plath

In this seminar we will be playing three poets off against each other, all of whom came of age during the 1950s. We will plot each poet’s career in relation to the public and personal crises that shaped it, giving particular attention to how each poet constructed “poethood” for herself.

(Hedley, Division III: Humanities)

ENGL B372 Composing a Self: American Women’s Life Writing

Beginning with Rowlandson’s 1682 captivity narrative and concluding with Kingston’s The Woman Warrior, we examine how American women have constructed themselves in print. Gender, ethnicity, spirituality and sexuality inform public narratives; while letters and diaries serve as a counterweight, revealing private selves and prompting exploration of authority, authorship, history, citizenship and identity. Course includes personal life-writing and archival research in the College’s Special Collections.

(Bruder, Division III: Humanities)

ENGL B377 James Joyce

(Tratner, Division III: Humanities)

ENGL B378 Eating Culture: Food and Britain 1798 to 1929

This class will explore British culinary culture across the long 19th century. One of our main goals will be to explore the role of matters culinary in the ordering and Oethering of the world and its populations. We will pay particular attention to the relationship of food to 19th-century class and labor relations, colonial and imperial discourse, and analyze how food both traces and guides global networks of power, politics and trade. We will work towards theorizing food’s materiality, considering the physiognomy of food, the aesthetics of a menu, and the hermeneutics of taste.

(Thomas, Division III: Humanities)

ENGL B385 Problems in Satire

An exploration of the methodological and theoretical underpinnings of great satire in works by Blake, Dryden, Pope, Rabelais, Smiley, Swift, Wilde, and others.

(Briggs, Division III: Humanities)

ENGL B387 Allegory in Theory and Practice

Allegory and allegories, from The Play of Everyman to The Crying of Lot 49. A working knowledge of several different theories of allegory is developed; Renaissance allegories include The Faerie Queene and Pilgrim’s Progress, 19th- and 20th-century allegories include The Scarlet Letter and Ralph Ellison’s Invisible Man.

(Hedley, Division III: Humanities)

ENGL B388 Contemporary African Fiction

Noting that the official colonial independence of most African countries dates back only half a century, this course focuses on the fictive experiments of the most recent decade. A few highly controversial works from the 90’s serve as an introduction to very recent work. Most works are in English. To experience depth as well as breadth, there is a small cluster of works from South Africa. With novels and tales from elsewhere on the huge African continent, we will get a glimpse of “living in the present” in history and letters.

(Beard, Division III: Humanities)

ENGL B398 Senior Seminar

Required preparation for ENGL 399 (Senior Essay). Through weekly seminar meetings and regular writing and research assignments, students will design a senior essay topic or topics of their choice, frame exciting and practical questions about it, and develop a writing plan for its execution. Students will leave the course with a departmentally approved senior essay prospectus, an annotated bibliography on their chosen area of inquiry, and 10 pages of writing towards their senior essay. Students must pass the course to enroll in ENGL 399.

(Hemmeter, Schneider)

ENGL B399 Senior Essay

Supervised independent writing project required of all English majors. Students must successfully complete ENGL 398 (Senior Conference) and have their Senior Essay prospectus approved by the department before they enroll in ENGL 399.

(Staff)

ENGL B403 Supervised Work

Advanced students may pursue independent research projects. Permission of the instructor and major adviser is required.

(Staff)
The Johanna Alderfer Harris Environmental Studies Program

Students may complete an Environmental Studies concentration as an adjunct to any major at Bryn Mawr or Haverford, pending approval of the student's coursework plan by the home department and the Environmental Studies director.

Director
Ellen Frances Stroud, Growth and Structure of Cities and Environmental Studies

Faculty
Ruth Elizabeth Simpson, Visiting Professor
John Andrew Brook, Visiting Professor

Steering Committee
Donald Barber, Geology and Environmental Studies
John Andrew Brook, Philosophy
Victor Donnay, Mathematics (on leave semester I)
Carol Hager, Political Science
Gary McDonogh, Growth and Structure of Cities
David Ross, Economics
Bethany Schneider, English
Michael Sears, Biology
Ruth Simpson, Sociology

The Environmental Studies concentration is an interdisciplinary program involving departments and programs in the natural and social sciences and humanities. The concentration allows students to explore the interactions among earth systems, human societies and local and global environments.

General inquiries concerning the concentration should go to the Environmental Studies Program Director Ellen Stroud (estrou@brynmawr.edu). Members of the Environmental Studies steering committee can answer questions pertaining to the concentration in their departments or in allied programs.

The concentration consists of six courses, four of which are fixed, and two of which are chosen from approved groups. Students should consult the catalog listings of their major department for disciplinary coursework specific to the concentration, if any. Additional program information is available on the Environmental Studies Web site: http://www.brynmawr.edu/es.

All concentrators must complete GEOL/CITY B103 Earth Systems and the Environment, CITY B175 Environment and Society and BIOL B220 Ecology. These three core courses must be completed before the senior year. As seniors, all concentrators reconvene in the Environmental Studies Senior Seminar (ANTH/BIOL/CITY/GEOL B397) to discuss in-depth issues within a broader environmental theme, set by mutual consent at the beginning of the semester.

Because the Environmental Studies concentration seeks to provide perspective on policy questions and the human sides of environmental issues, in addition to ecological concerns, students must take two elective courses outside the natural sciences. One of these courses should address issues of environmental planning and policy, and one other should address issues of humans in the environment. Available recommended courses are listed below, divided into these two groups. Alternative courses not shown below also may fulfill these requirements, but the Environmental Studies director must approve any such course substitution. Students also are encouraged, but not required, to take additional science courses to augment their curriculum. In addition to checking with the home department major adviser, each student's coursework plan for the concentration must be reviewed by the Environmental Studies director. Check the Environmental Studies Web site for the most current listing of course offerings.

Note: Some classes shown on the next page have prerequisites; some are not offered every year. College divisions and how often each course is offered are shown (subject to change).
### Planning and Policy (one is required)

<table>
<thead>
<tr>
<th>Course</th>
<th>Div.</th>
<th>When Offered</th>
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<tbody>
<tr>
<td>ANTH B210 Medical Anthropology</td>
<td>I</td>
<td>Alternate Years (Alt. Yrs.)</td>
</tr>
<tr>
<td>ECON B234 Environmental Economics</td>
<td>I</td>
<td>Every Year (Fall or Spring)</td>
</tr>
<tr>
<td>CITY/ANTH B190 Form of the City</td>
<td>I or III</td>
<td>Every Year (Spring)</td>
</tr>
<tr>
<td>CITY B217 Research in Policy Methods</td>
<td>I</td>
<td>Every Year (Spring)</td>
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<tr>
<td>CITY B229 Comparative Urbanism</td>
<td>I</td>
<td>Most Years (Fall or Spring)</td>
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<tr>
<td>CITY B345 Adv. Topics in Environment and Society</td>
<td>I</td>
<td>Every year (Spring)</td>
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<tr>
<td>CITY B360 Urban Social Movements</td>
<td>I</td>
<td>Most Years (Fall or Spring)</td>
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<tr>
<td>POLS/CITY B222 Intro. to Environ. Issues</td>
<td>I</td>
<td>Alt. Yrs.</td>
</tr>
<tr>
<td>POLS B310 Comparative Public Policy</td>
<td>I</td>
<td>Alt. Yrs.</td>
</tr>
<tr>
<td>POLS B321 Technology and Politics</td>
<td>I</td>
<td>Every 3 Years (Fall '08)</td>
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<tr>
<td>POLS B339 The Policy-making Process</td>
<td>I</td>
<td>Alt. Yrs. (Fall)</td>
</tr>
<tr>
<td>POLS B354 Comparative Social Movements</td>
<td>I</td>
<td>Every 3 Years (Fall '09)</td>
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</tbody>
</table>

### Humans in the Environment (one is required)

<table>
<thead>
<tr>
<th>Course</th>
<th>Div.</th>
<th>When Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH B101 Intro. to Anthropology</td>
<td>I</td>
<td>Every Fall</td>
</tr>
<tr>
<td>ANTH B203 Human Ecology</td>
<td>I</td>
<td>Every Year (Fall or Spring)</td>
</tr>
<tr>
<td>CITY B278 American Environmental History</td>
<td>I</td>
<td>Every Spring</td>
</tr>
<tr>
<td>HIST/CITY B237 Urbanization in Africa</td>
<td>I</td>
<td>Occasionally</td>
</tr>
<tr>
<td>ENGL B204 Literatures of American Expansion</td>
<td>III</td>
<td>Occasionally</td>
</tr>
<tr>
<td>ENGL B213 Nature Writing, Environ. Concern</td>
<td>III</td>
<td>Occasionally</td>
</tr>
<tr>
<td>ENGL B309 Native American Literature</td>
<td>III</td>
<td>Occasionally</td>
</tr>
</tbody>
</table>

For a number of the courses listed above, especially those with a substantial component of independent inquiry, students are encouraged to select environmental topics.

In her senior year, in addition to the Environmental Studies Senior Seminar, each student should show evidence of advanced work in environmental studies. This may consist of a research project, a major thesis, or in some departments it would be a 300-level course in which the student deals extensively with environmental issues. In selected cases, with approval of the major department adviser and the Environmental Studies director, this advanced work may be undertaken as an internship or Praxis course. Additional courses of interest to students of all disciplines include courses at University of Pennsylvania or Swarthmore College. Certain classes from Junior Year Abroad programs may fulfill requirements for the concentration if pre-approved. These include the environmental programs sponsored by Swarthmore in Eastern Europe and in Cape Town, South Africa.

Given the flexible requirements of the concentration, it is important that students plan their curriculum as early as possible. Ideally planning should start no later than the first semester of the sophomore year.
Film Studies

Students may complete a minor in Film Studies.

Director
Homay King, History of Art

Faculty
Jaime Javier Nasser, Andrew W. Mellon Foundation 
Postdoctoral Fellow in the Humanities
Hoang Tan Nguyen, Assistant Professor

Steering Committee
Timothy Harte, Russian
Homay King, History of Art
Imke Meyer, German and German Studies
Hoang Tan Nguyen, English
Michael Tratner, English (on leave semester I)
Sharon Ullman, History

Film Studies is an interdisciplinary program of inquiry bringing a range of analytical methods to bear upon films, film audiences, and the social and industrial contexts of film and media production, distribution and exhibition. The courses that comprise the minor in film studies reflect the diversity of approaches in the academic study of cinema. The minor is anchored by core courses in formal analysis, history and theory. Elective courses in particular film styles, directors, national cinemas, genres, areas of theory and criticism, and issues in film and media culture add both breadth and depth to this program of study.

Film Studies is a Bryn Mawr College minor. Students must take a majority of courses on the Bryn Mawr campus; however, minors are encouraged to consider courses offered in the Tri-College consortium and at the University of Pennsylvania. Students should work with the director of the Film Studies Program to develop a minor workplan when declaring the minor.

Minor Requirements

In consultation with the program director, students design a program of study that includes a range of film genres, styles, national cinemas, eras and disciplinary and methodological approaches. Students are strongly encouraged to take at least one course addressing topics in global or non-western cinema. The minor consists of a total of six courses and must include the following:

1. One introductory course in the formal analysis of film
2. One course in film history or an area of film history
3. One course in film theory or an area of film theory
4. Three electives.

At least one of the six courses must be at the 300 level. Courses that fall into two or more of the above categories may fulfill the requirement of the student's choosing, but may not fulfill more than one requirement simultaneously. Students should consult with their advisers to determine which courses, if any, may count simultaneously for multiple credentials. Final approval is at the discretion of the program director.

Film Studies courses currently offered at Bryn Mawr include:

Fall 2010
ARTW B266 Screenwriting
CITY B293 Topics in Film, Television, and Media: Fragmented Media: Gender Identities
COML B238 History of Cinema, 1895-1945: Silent Film: From the United States to Russia and Beyond
ENGL B238 History of Cinema, 1895-1945: Silent Film: From the United States to Russia and Beyond
ENGL B334 Topics in Film Studies: Queer Cinema in a Transnational Frame
GERM B262 Film and the German Literary Imagination: Austrian Cinema from the Silent Era to the Present
HART B110 Identification in the Cinema
HART B238 History of Cinema, 1895-1945: Silent Film: From the United States to Russia and Beyond
HART B293 Topics in Film, Television, and Media: Fragmented Media: Gender Identities
HART B334 Topics in Film Studies: Queer Cinema in a Transnational Frame
RUSS B238 History of Cinema, 1895-1945: Silent Film: From the United States to Russia and Beyond
SPAN B318 Literary Adaptation in Spanish Cinema

Spring 2011
ENGL B205 Introduction to Film
ENGL B257 Gender and Technology
ENGL B299 History of Narrative Cinema, 1945-present
ENGL B306 Film Theory
ENGL B367 Asian American Film, Video and New Media
GNST B255 Video Production
HART B205 Introduction to Film
HART B299 History of Narrative Cinema, 1945-present
HART B306 Film Theory
HART B367 Asian American Film, Video and New Media
HEBR B110 Israeli Cinema
Students may complete a major in Fine Arts at Haverford College.

Faculty
Markus Baenziger, Associate Professor
Gerald Cyrus, Visiting Assistant Professor
John Goodrich, Instructor
Hee Sook Kim, Assistant Professor and Chair
Ying Li, Professor
Elizabeth Whalley, Visiting Assistant Professor
William E. Williams, Professor and Curator of Photography

The fine arts courses offered by the department are structured to accomplish the following: (1) For students not majoring in fine arts: to develop a visual perception of form and to present knowledge and understanding of it in works of art. (2) For students intending to major in fine arts: beyond the foregoing, to promote thinking in visual terms and to foster the skills needed to give expression to these in a coherent body of art works.

Major Requirements

Fine arts majors are required to concentrate in either painting, drawing, sculpture, photography or printmaking: four 100-level foundation courses in each discipline from each faculty member; two different 200-level courses outside the area of concentration; two 200-level courses and one 300-level course within that area; three art history courses to be taken at Bryn Mawr College or equivalent, and Senior Departmental Studies 499. For majors intending to do graduate work, it is strongly recommended that they take an additional 300-level studio course within their area of concentration and an additional art history course at Bryn Mawr College.

ARTS H101 Arts Foundation-Drawing
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. Prerequisite: Overenrollment will be determined by lottery conducted by Prof. on the first day of class. (Goodrich)

ARTS H102 Arts Foundation-Drawing
Prerequisite: Overenrollment will be determined by lottery conducted by Prof. on the first day of class. (Staff)

ARTS H103 Arts Foundation-Photography
Prerequisite: Overenrollment will be determined by lottery conducted by Prof. on the first day of class. (Williams)

ARTS H104 Arts Foundation-Sculpture
Prerequisite: Overenrollment will be determined by lottery conducted by Prof. on the first day of class. (Staff)

ARTS H106 Arts Foundation-Drawing
Prerequisite: Overenrollment will be determined by lottery conducted by Prof. on the first day of class. (Baenziger)

ARTS H107 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, complementary colors, optical mixture, texture, surface quality. Prerequisite: Preference to declared majors who need Foundations, and to students who have entered the lottery for the same Foundations course at least once without success. Preference will also be given to students with Foundations-Drawing experience. Overenrollment will be determined by lottery conducted by Prof. on the first day of class. (Goodrich)

ARTS H108 Arts Foundation-Photography
Prerequisite: Overenrollment will be determined by lottery conducted by Prof. on the first day of class. Course is a repeat of 103D/108H. (Williams)

ARTS H109 Arts Foundation-Sculpture
Overenrollment will be determined by lottery conducted by Prof. on the first day of class. Prerequisite: Preference to declared majors who need Foundations, and to students who have entered the lottery for the same Foundations course at least once without success. (Baenziger)

ARTS H120 Foundation Printmaking: Silkscreen
A seven-week course covering various techniques and approaches to silkscreen, including painterly monoprint, stencils, direct drawing and photo-silkscreen. Emphasizing the expressive potential of the medium to create a personal visual statement. Prerequisite: Preference to declared majors who need Foundations, and to those who have entered the lottery for the same Foundations course at least once without success. Lottery conducted by Prof. on the first day of class. (Baenziger)
ARTS H121 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. Prerequisite: Preference to declared majors who need Foundations, and to students who have entered the lottery for the same Foundations course at least once without success. (Whalley)

ARTS H123 Foundation Printmaking: Etching
A seven-week course covering various techniques and approaches to intaglio printmaking including monotypes, soft and hard ground, line, aquatint, chine collage and viscosity printing. Emphasizing the expressive potential of the medium to create a personal visual statement. Prerequisite: Preference to declared majors who need Foundations, and to students who have entered the lottery for the same Foundations course at least once without success. (Whalley)

ARTS H124 Foundation Printmaking: Monotype
Basic printmaking techniques in Monotype medium. Painterly methods, direct drawing, stencils, 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. Prerequisite: Preference to declared majors who need Foundations, and to those who have entered the lottery for the same Foundations course at least once without success. Lottery conducted by Prof. on the first day of class. (Kim)

ARTS H216 History of Photography from 1839 to the Present
An introductory survey course about the history of photography from its beginnings in 1839 to the present. The goal is to understand how photography has altered perceptions about the past, created a new art form, and become a hallmark of modern society. Prerequisite: Sophomore standing. (Williams)

ARTS H217 The History of African-American Art from 1619 to the Present
A survey course documenting and interpreting the development and history of African-American Art from 1619 to present day. Representative works from the art and rare book collections will supplement course readings. Prerequisite: Any HART Course, 200 level ARTS Studio Course, Anthropology of Art, AFST course. (Williams)
Cross-listed in African and Africana Studies Not offered in 2010-11.

ARTS H218 Chinese Calligraphy As An Art Form
This course combines studio practice and creating art projects with slide lectures, readings, and museum visits. Students will study the art of Chinese Calligraphy, and its connection with Western art. No Chinese language required. (Li) Cross-listed in East Asian Studies

ARTS H223 Printmaking: Materials and Techniques: Etching
Concepts and techniques of B/W & Color Intaglio. Line etching, aquatint, soft and hard ground, chin-colle techniques will be explored as well as visual concepts. Developing personal statements will be encouraged. Individual and group critiques will be employed. Prerequisite: Permission of instructor by review of portfolio. (Kim)

ARTS H224 Computer and Printmaking
Computer-generated images and printmaking techniques. Students will create photographic, computer processed, and directly drawn images on lithographic polyester plates and zinc etching plates. Classwork will be divided between the computer lab and the printmaking studio to create images using both image processing software and traditional printmaking methods, including lithography, etching, and silk-screen. Broad experimental approaches to printmaking and computer techniques will be encouraged. Individual and group critiques will be employed. Prerequisite: An intro printmaking course or permission by portfolio review. (Kim)

ARTS H225 Lithography: Material and Techniques
An intermediate course covering B/W and Color Lithography in plates and stones. Combined methods with other printmaking techniques such as Paper lithography and Monotype are explored during the course along with photographic approaches. An edition 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. Prerequisite: Permission of Instructor by review of portfolio. (Kim) Not offered in 2010-11.

ARTS H231 Drawing (2-D): All Media
Students are encouraged to experiment with various drawing media and to explore the relationships between media, techniques and expression. Each student will strive to develop a personal approach to drawing while addressing fundamental issues of pictorial space,
structure, scale, and rhythm. Students will work from observation, conceptual ideas and imagination. Course includes drawing projects, individual and group crits, slide lectures, museum and gallery visits. Prerequisite: Fine Arts Foundations or consent.

ARTS H233 Painting: Materials and Techniques
Students are encouraged to experiment with various painting techniques and materials in order to develop a personal approach to self-expression. We will emphasize form, color, texture, and the relationship among them; influences of various techniques upon the expression of a work; the characteristics and limitations of different media. Students will work from observation, conceptual ideas and imagination. Course includes drawing projects, individual and group crits, slide lectures, museum and gallery visits. Prerequisite: Fine Arts Foundations or consent.

ARTS H241 Drawing (3-D): All Media
In essence the same problems as in Fine Arts 231A or B. However, some of the drawing media are clay modeling in half-hour sketches; the space and design concepts solve three-dimensional problems. Part of the work is done from life model. May be repeated for credit. Prerequisite: Fine Arts Foundations or consent.

ARTS H243 Sculpture: Materials and Techniques
The behavior of objects in space, the concepts and techniques leading up to the form in space, and the characteristics and limitations of the various sculpture media and their influence on the final work; predominant but not exclusive use of clay modeling techniques: fundamental casting procedures. Part of the work is done from life model. May be repeated for credit. Prerequisite: Fine Arts Foundations or consent.

ARTS H251 Photography: Materials and Techniques
Students are encouraged to develop an individual approach to photography. Emphasis is placed on the creation of black and white 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 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.

ARTS H253 The Theory and Practice of Conceptual Art
In this course, the specific mid-20th C movement called Conceptual Art will be explored, as well as its progenitors and progeny. Students will study the founding manifestos, the canonical works and their critical appraisals, as well as develop tightly structured studio practica to embody the former research. The course invites artists, writers, activists, & cultural thinkers, those who want to know what it is to make things, spaces, situations, communities, allies, & trouble—without necessarily knowing how to draw, paint, sculpt, photograph, videotape, or film.

ARTS H260 Photography: Materials and Techniques
Prerequisite: Fine Arts Foundations or consent.

ARTS H261 Experimental Studio: Etching
An advanced course covers Color Etching using multiple plates. Viscosity printing, line etching, aquatint, soft-ground, surface roll, Chin-collé, plate preparation, registration, and editioning are covered. Students study techniques and concepts in Intaglio method as well as visual expressions through hands-on experiences. Development of technical skills of the Intaglio process with personal visual study is necessary and creative and experimental approaches beyond two-dimensional outcomes encouraged. 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. Prerequisite: Permission of instructor by review of portfolio.

ARTS H262 Experimental Studio: Printmaking: Lithography
An advanced course explores traditional and experimental lithographic printmaking techniques in multiple plates and stones. Two- and three-dimensional design and drawing exploration in color also are addressed. Registration, color separation, and edition are taught at an advanced level. Development of technical skills of the Lithographic process with personal visual study is necessary and creative and experimental approaches are highly encouraged. 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. **Prerequisite:** One course in printmaking or consent. (Kim)

**ARTS H331 Experimental Studio: Drawing**

Students will build on the work done in 200 level courses, to develop further their individual approach to drawing. Students are expected to create projects that demonstrate the unique character of drawing 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. **Prerequisite:** Fine Arts 231A or B, or consent. (Li)

**ARTS H333 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. **Prerequisite:** Fine Arts 223A or B, or consent. (Li)

**ARTS H341 Experimental Studio: Drawing**

**Prerequisite:** Fine Arts 241A or B, or consent. (Staff) *Not offered in 2010-11.*

**ARTS H343 Experimental Studio: Sculpture**

In this studio course the student is encouraged to experiment with ideas and techniques with the purpose of developing a personal expression. It is expected that the student will already have a sound knowledge of the craft and aesthetics of sculpture and is at a stage where personal expression has become possible. May be repeated for credit. **Prerequisite:** Fine Arts 243A or B, or consent of instructor (Baenziger)

**ARTS H351 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. **Prerequisite:** Fine Arts 251A and 260B (Williams)

**ARTS H460 Teaching Assistant**

(Li)

**ARTS H480 Independent Study**

This course gives the advanced student the opportunity to experiment with concepts and ideas and to explore in depth his or her talent. **Prerequisite:** consent of instructor. (Staff)

**ARTS H499 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. **Prerequisite:** Senior Majors (Staff)
French and Francophone Studies

Students may complete a major or minor in French and Francophone Studies. Within the major, student may complete the requirements for secondary education certification. Students may complete an M.A. in the combined A.B./M.A. program.

Faculty at Bryn Mawr College
Grace Morgan Armstrong, Professor (on leave semester II)
Ivan Benjamin Cherel, Lecturer
Florence Echtman, Instructor
Francis Higginson, Associate Professor and Chair
Rudy Le Menthéour, Assistant Professor
Brigitte Mahuzier, Professor Director of Avignon Institute
Agnes Peysson-Zeiss, Lecturer

Faculty at Haverford College
Koffi Anyinéfa, Professor
Duane Kight, Assistant Professor
David L. Sedley, Associate Professor and Chair

The Departments of French at Bryn Mawr and Haverford Colleges offer a variety of courses and two options for the major. The purpose of the major in French is to lay the foundation for an understanding and appreciation of French and Francophone culture through its literature and language, the history of its arts, its thought and its institutions. Course offerings are intended to serve both those students with particular interest in French and Francophone literature, literary theory and criticism (Literary option), as well as those with particular interest in French and French-speaking countries from an interdisciplinary perspective (Interdisciplinary Studies in French). A thorough knowledge of French is a common goal for both options, and texts and discussion in French are central to the program.

In the 100-level courses, students are introduced to the study of French and Francophone literatures and cultures, and special attention is given to the speaking and writing of French. Courses at the 200 level treat French literature and civilisation from the beginning to the present day. Two 200-level courses are devoted to advanced language training and one to the study of theory. Advanced (300-level) courses offer detailed study either of individual authors, genres and movements or of particular periods, themes and problems in French and Francophone culture. In both options, students are admitted to advanced courses after satisfactory completion of two semesters of 200-level courses in French.

All students who wish to pursue their study of French must take a departmental placement examination prior to arrival at Bryn Mawr; unless they have IB or Advanced Placement credit, they must also present the SAT II French score or take the Placement exam upon their arrival. Those students who begin French have two options: intensive study of the language in the intensive sequence (001-002 Intensive Elementary; 005 Intensive Intermediate and 102 Introduction à l’analyse littéraire et culturelle II or 005 and 105 Directions de la France contemporaine), or non-intensive study of the language in the non-intensive sequence (001-002 Elementary; 003-004 Intermediate; 101-102 or 101-105). Although it is possible to major in French using either of the two sequences, students who are considering doing so and have been placed at the 001 level are strongly encouraged to take the intensive sequence.

The Department of French and Francophone Studies also cooperates with the Departments of Italian and Spanish in the Romance Languages major.

College Foreign Language Requirement

The College’s foreign language requirement may be satisfied by completing FREN 001-002 Intensive and 005 Intensive with a grade of 2.0, or by completing FREN 003 and 004 (non-intensive) with an average grade of at least 2.0 or with a grade of 2.0 or better in FREN 004.

Major Requirements

Requirements in the major subject are:

1. French and Francophone Literature: FREN 005-102 or 005-105 or 101-102 or 101-105; the 200-level language course; FREN 213 Qu’est-ce que la théorie; three semesters of 200-level literature courses, two semesters of 300-level literature courses, and the year-long Senior Experience, which consists of Senior Conference in the fall semester and either a Senior Thesis or a third 300-level course culminating in the Senior Essay during the spring semester. In either case, the work of the spring semester is capped by an oral defense.

2. Interdisciplinary Studies in French: FREN 005-102 or 005-105 or 101-102 or 101-105; the 200-level language course; two 200-level courses within the department: e.g., FREN 291 or 299; two 200-level courses to be chosen by the student outside the French departments (at BMC/HC or JYA) which contribute coherently to her independent program of study; FREN 326 Etudes avancées de civilisation plus two 300-level courses outside the departments; thesis of one semester in French or English. Students interested in this option must present the rationale and the projected content of their program for departmental approval during their sophomore year; they should have excellent records in French and the other subjects involved in their proposed program.
3. Both concentrations: all French majors are expected to have acquired fluency in the French language, both written and oral. Unless specifically exempted by the department, they are required to take the 200-level language course. Students may wish to continue from this course to hone their skills further in courses on stylistics and translation offered at Bryn Mawr College or abroad. Students placed at the 200 level by departmental examinations are exempted from the 100-level requirements. Occasionally, students may be admitted to seminars in the graduate school.

Honors and the Senior Experience

For the French and Francophone Literature option: After taking Senior Conference in semester I of the senior year, students have the choice in semester II of writing a thesis (30-40 pp.) under the direction of a faculty member or taking a 300-level course in which they write a Senior Essay (15-20 pp.). The first choice offers self-selected students who already have developed a clearly defined subject in semester I the opportunity to pursue independent research and writing of the thesis with a faculty mentor. The second choice allows students, often double majors with another thesis or pre-medical students, the opportunity to produce a substantial, but shorter, piece of work within the structure of their 300-level course in semester II. Departmental honors are awarded for excellence in the Senior Experience after the oral defense of either the Senior Thesis or the Senior Essay.

For the Interdisciplinary Studies in French option: Students take French 325 or 326 in their senior year and, if they have not already done so, complete the two 300-level courses required outside the department. In semester II they write a thesis in French or English under the direction of a member of the French faculty and a mentor outside the department. Departmental honors are awarded for excellence in the Senior Experience after the oral defense of the Senior Thesis.

Minor Requirements

Requirements for a French minor are FREN 005-102 or 005-105, or 101-102 or 101-105; the 200-level language course; and four 200-level or 300-level courses. At least one course must be at the 300 level.

Teacher Certification

The Department of French and Francophone Studies offers a certification program in secondary teacher education. For more information, see the description of the Education Program.

A.B./M.A. Program

Particularly well-qualified students may undertake work toward the joint A.B./M.A. degree in French. Such a program may be completed in four or five years and is undertaken with the approval of the department, the Special Cases Committee and the Dean of the Graduate School of Arts and Sciences.

Study Abroad

Students majoring in French may, by a joint recommendation of the deans of the Colleges and the Departments of French, be allowed to spend their junior year or a semester thereof in France or Francophone countries under one of the junior-year plans approved by Bryn Mawr.

Students wishing to enroll in a summer program may apply for admission to the Institut d’Etudes Françaises d’Avignon, held under the auspices of Bryn Mawr. The institute is designed for selected undergraduates with a serious interest in French and Francophone literatures and cultures, most particularly for those who anticipate professional careers requiring knowledge of the language and civilization of France and French-speaking countries. The curriculum includes general and advanced courses in French language, literature, social sciences, history, art and economics. The program is open to students of high academic achievement who have completed a course in French at the third-year level or the equivalent.

FREN B001 Elementary French Intensive

The speaking and understanding of French are emphasized particularly during the first semester, and written competence is stressed as well in semester II. The work includes regular use of the Language Learning Center and is supplemented by intensive oral practice sessions. The course meets in intensive (nine hours a week) and non-intensive (five hours a week) sections. This is a year-long course.

FREN B002 Elementary French Intensive

The speaking and understanding of French are emphasized particularly during the first semester, and written competence is stressed as well in semester II. The work includes regular use of the Language Learning Center and is supplemented by intensive oral practice sessions. The course meets in intensive (nine hours a week) and non-intensive (five hours a week) sections. This is a year-long course.
FREN B003 Intermediate French

The emphasis on speaking, understanding, and writing 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 a week) sections that are supplemented by an extra hour per week with an assistant. This is a year-long course; both semesters are required for credit. (Cherel, Echtman, Language Level 2)

FREN B004 Intermediate French

The emphasis on speaking, understanding, and writing 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 a week) sections that are supplemented by an extra hour per week with an assistant. This is a year-long course; both semesters are required for credit. (Cherel, Echtman, Language Level 2)

FREN B005 Intensive Intermediate French

The emphasis on speaking and understanding French is continued; literary and cultural texts are read and increasingly longer papers are written in French. In addition to three class meetings a week, students develop their skills in group sessions with the professors and in oral practice hours with assistants. Students use the Language Learning Center regularly. This course prepares students to take 102 or 105 in semester II. Open only to graduates of Intensive Elementary French or to students placed by the department. Students who are not graduates of Intensive Elementary French must take either 102 or 105 to receive credit. (Armstrong, Zeiss, Language Level 2)

FREN B101 Introduction à l’analyse littéraire et culturelle I

Presentation of essential problems in literary and cultural analysis by close reading of works selected from various periods and genres and by analysis of voice and image in French writing and film. Participation in discussion and practice in written and oral expression are emphasized, as are grammar review and laboratory exercises. (Armstrong, Division III: Humanities)

FREN B102 Introduction à l’analyse littéraire et culturelle II

Continued development of students’ expertise in literary and cultural analysis by emphasizing close reading as well as oral and written analyses of increasingly complex works chosen from various genres and periods of French and Francophone works in their written and visual modes. Readings include comic theater of the 17th or 18th centuries and build to increasingly complex nouvelles, poetry and novels of the 19th and 20th centuries. Participation in guided discussion and practice in oral/written expression continue to be emphasized, as is grammar review. Prerequisite: FREN 005 or 101. (Zeiss, Division III: Humanities)

FREN B105 Directions de la France contemporaine

An examination of contemporary society in France and Francophone cultures as portrayed in recent documents and film. Emphasizing the tension in contemporary French-speaking societies between tradition and change, the course focuses on subjects such as family structures and the changing role of women, cultural and linguistic identity, an increasingly multiracial society, the individual and institutions (religious, political, educational), and les loisirs. In addition to the basic text and review of grammar, readings are chosen from newspapers, contemporary literary texts and magazines, complemented by video materials. Prerequisite: FREN 005 or 101. (Cherel, Division III: Humanities)

FREN B201 Le Chevalier, la dame et le prêtre: littérature et publics du Moyen Age

Using literary texts, historical documents and letters as a mirror of the social classes that they address, this interdisciplinary course studies the principal preoccupations of secular and religious women and men in France from the Carolingian period through 1500. Selected works from epic, lai, roman courtois, fabliau, theater, letters, and contemporary biography are read in modern French translation. (Armstrong, Division III: Humanities)

Not offered in 2010-11.

FREN B204 Le Siècle des lumières

Representative texts of the Enlightenment with emphasis on the development of liberal thought as illustrated in the Encyclopédie and the works of Montesquieu, Voltaire, Diderot, and Rousseau. (Le Menthéour, Division III: Humanities)

FREN B205 Le Temps des prophètes: de Chateaubriand à Baudelaire

From Chateaubriand and Romanticism to Baudelaire, a study of selected poems, novels and plays. (Mahuzier, Division III: Humanities)

Not offered in 2010-11.
FREN B206 Le Temps des virtuoses: Symbolisme, Naturalisme et leur progéniture

A study of selected works by Claudel, Gide, Proust, Rimbaud, Valéry, Verlaine, and Zola.
(Mahuzier, Division III: Humanities)

FREN B207 Missionnaires et cannibales: Maîtres de l'époque moderne

A study of selected works illustrating the principal literary movements from 1900 to the present. Depending on who is teaching the course, this class will focus on various authors and literary movements of the 20th century such as Surrealism, Modernism, the Nouveau Roman, Oulipo, as well as works from the broader Francophone world.
(Mahuzier, Division III: Humanities)

FREN B213 Theory in Practice: Critical Discourses in the Humanities

This seminar provides exposure to influential 20th-century French thinkers. It will examine three major currents: Postcolonial Theory; Feminist Theory; Post-Structuralist Theory. The primary goal here is to introduce students to exciting and difficult critical thought that will prove useful to their future studies and will begin to develop necessary critical skills. While the materials covered are primarily grounded in French intellectual history, the course will also spend time situating these intellectual currents in broader transnational and transdisciplinary contexts. This is a required course for the French major. Course taught in English and serving the humanities.
(Higginson, Division III: Humanities)
Cross-listed as COML B213
Cross-listed as GERM B213
Cross-listed as HART B213
Cross-listed as RUSS B253

FREN B227 Topics in Modern Planning

(Hein, Division I: Social Science)
Cross-listed as CITY B227
Cross-listed as GERM B227
Cross-listed as HART B227
Not offered in 2010-11.

FREN B248 Histoire des Femmes en France

A study of women and gender in France from the Revolution to the present. The course will pay particular attention to the role of women in the French Revolution (declarations, manifestos, women’s clubs, salons, etc.) and in the post-revolutionary era, as well as to the more contemporary feminist manifestations in France since Simone de Beauvoir’s Deuxième Sexe and the flow of feminist texts produced in the wake of May ‘68. (Mahuzier, Division III: Humanities)
Not offered in 2010-11.

FREN B251 La Mosaïque France

A study that opposes the discourse of exclusion, xenophobia, racism and the existence of a mythical, unique French identity by examining 20th-century French people and culture in their richness and variety, based on factors such as gender, class, region, colonization and decolonization, immigration and ethnic background. Films and texts by Begag, Beauvoir, Cardinal, Carles, Duras, Emán, Jakez Helias, Modiano, and Zobel.
(Cherel Dana, Division III: Humanities)
Cross-listed as CITY B251
Not offered in 2010-11.

FREN B258 L’espace réinventé: Paris: rêve d’urbaniste, songe d’écrivain

The cityscape is a dominant figure in the 19th and 20th century, at a time where the notion of “writing the city” really develops, influencing and even structuring beliefs. Urban theory and cultural criticism will supplement literary analysis as we consider how novelists Mercier, Rétif de la Bretonne, Balzac, Hugo, and Zola, and poets Baudelaire and Rimbaud have sought to make visible, through novelistic and lyric voices, the evolution of the perception of the city as architectural, social, and political body since the end of the 18th century.
(Giraud, Division III: Humanities)
Cross-listed as CITY B258
Not offered in 2010-11.

FREN B260 Stylistique et traduction

Intensive practice in speaking and writing. Conversation, discussion, advanced training in grammar and stylistics, translation of literary and nonliterary texts, and original composition. (Le Menthéour, Zeiss)

FREN B302 Le printemps de la parole féminine: femmes écrivains des débuts

This study of selected women authors from the French Middle Ages, Renaissance and Classical periods—among them, Marie de France, the trobaritz, Christine de Pisan, Louise Labé, Marguerite de Navarre, and Madame de Lafayette—examines the way in which they appropriate and transform the male writing tradition and define themselves as self-conscious artists within or outside it. Particular attention will be paid to identifying recurring concerns and structures in their works, and to assessing their importance to female writing: among them, the poetics of silence, reproduction as a metaphor.
for artistic creation, and sociopolitical engagement.
(Armstrong, Division III: Humanities)
Cross-listed as COML B302
Not offered in 2010-11.

FREN B306 Libertinage et subversion

The libertine movement of the 18th century has long been condemned for moral reasons or considered of minor importance when compared to the Enlightenment. Yet, the right to happiness (‘droit au bonheur’) celebrated by the so-called ‘Philosophes’ implies a duty to experience pleasure (‘devoir de jouir’). This is what the libertine writers promoted. The libertine movement thus does not confine itself to literature, but also involves a dimension of social subversion. This course will allow you to understand Charles Baudelaire’s enigmatic comment: “the Revolution was made by voluptuaries.”
(Le Menthéour, Division III: Humanities)

FREN B325 Etudes avancées Crimes et criminalité

An in-depth study of a particular topic, event or historical figure in French civilisation. The seminar topic rotates among many subjects: La Révolution française: histoire, littérature et culture; L’Environnement naturel dans la culture française; Mal et valeurs éthiques; Le Cinéma et la politique, 1940-1968; Le Nationalisme en France et dans les pays francophones; Etude socio-culturelle des arts du manger en France du Moyen Age à nos jours.
(Le Menthéour, Mahuzier, Division III: Humanities)
Cross-listed as COML B325

FREN B326 Etudes avancées

An in-depth study of a particular topic, event or historical figure in French civilisation. The seminar topic rotates among many subjects: La Révolution française: histoire, littérature et culture; L’Environnement naturel dans la culture française; Mal et valeurs éthiques; Le Cinéma et la politique, 1940-1968; Le Nationalisme en France et dans les pays francophones; Etude socio-culturelle des arts du manger en France du Moyen Age à nos jours.
(Mahuzier, Division III: Humanities)
Cross-listed as COML B326

FREN B350 Voix médiévales et échos modernes

A study of selected 19th- and 20th-century works inspired by medieval subjects, such as the Grail and Arthurian legends and the Tristan and Yseut stories, and by medieval genres, such as the roman, saints’ lives, or the miracle play. Included are works by Bonnefoy, Cocteau, Flaubert, Genevoix, Giono, Gracq, Hugo, and Yourcenar.
(Armstrong, Division III: Humanities)
Cross-listed as COML B350
Not offered in 2010-11.

FREN B398 Senior Conference

A weekly seminar examining two major French and Francophone literary texts and the interpretive problems they raise. A third theoretical text will encourage students to think beyond traditional literary categories to interrogate issues such as cultural memory, political engagement, gendered space, etc. This course prepares students for the second semester of their Senior Experience, during which students not writing a thesis are expected to choose a 300-level course and write a long research paper, the Senior Essay, that they will defend during an oral examination. Seniors writing a thesis in semester II will defend it during their final oral examination.
(Armstrong)

FREN B403 Supervised Work

(Armstrong, Mahuzier)

Haverford College currently offers the following courses in French and Francophone Studies:

FREN H001  Elementary French
FREN H002  Elementary French Non Intensive
FREN H003  Intermediate French Non Intensive
FREN H004  Intermediate French
FREN H005  Intensive Intermediate French
FREN H101  Introduction a l’analyse litteraire et culturelle I
FREN H102  Introduction a l’analyse litteraire et culturelle II
FREN H105  Directions de la France contemporaine
FREN H202  Crises et identites: La Renaissance
FREN H212  Grammaire avance: composition et conversation
FREN H312  Le Genocide rwandais (1994)
FREN H312  “Les arts du roman du 16e au 18e siecle”
Gender and Sexuality

Students may complete a minor or concentration in Gender and Sexuality. Students may submit an application to major in Gender and Sexuality through the independent major program.

Coordinator
Sharon Ullman, History

Faculty
Jaime Javier Nasser, Andrew W. Mellon Foundation Postdoctoral Fellow in the Humanities

Steering Committee
Dana Becker, Graduate School of Social Work and Social Research
Anne Dalke, English
Gregory Davis, Biology
Lazaro Lima, Spanish (on leave semesters I and II)
Jaime Javier Nasser, History of Art
Hoang Tan Nyugen, English
Sharon Ullman, History

The Program in Gender and Sexuality is an interdisciplinary, Bi-College program that can be integrated with any major or pursued independently. Students graduate from the program with a high level of fluency and rigor in their understanding of the different ways issues of gender and sexuality shape our lives as individuals and as members of larger communities, both local and global.

Students choosing a concentration, minor or independent major in gender and sexuality plan their programs in consultation with the Gender and Sexuality coordinator on their home campus. Members of the Gender and Sexuality steering committee serve as their individual mentors. All students in the program take the core course, "Interdisciplinary Perspectives on Sex and Gender." Other courses in the program allow them to explore a range of approaches to gender and sexual difference: critical feminist theory; women's studies; transnational and third-world feminisms; the experiences of women of color; gender and science; the construction of masculinity; gay, lesbian, queer, transgender, and transsexual studies; the history and representation of gender and sexuality in Western and non-Western cultures.

Minor and Concentration Requirements

Six courses distributed as follows are required for the concentration:

1. An introductory course (including equivalent offerings at Swarthmore College or the University of Pennsylvania).
2. The junior seminar: Interdisciplinary Perspectives on Sex and Gender (alternating fall semesters between Bryn Mawr and Haverford).
3. Four additional approved courses from at least two different departments, two of which are normally at the 300 level. Units of Independent Study (480) may be used to fulfill this requirement.
4. Of the six courses, no fewer than two and no more than three will also form part of the student's major.

Requirements for the minor are identical to those for the concentration, with the stipulation that no courses in gender and sexuality will overlap with courses taken to fulfill requirements in the student's major.

Neither a senior seminar nor a senior thesis is required for the concentration or minor; however, with the permission of the major department, a student may choose to count toward the concentration a senior thesis with significant content in gender and sexuality. Students wishing to construct an independent major in gender and sexuality should make a proposal to the Committee on Independent Majors.

Gender and Sexuality courses currently offered at Bryn Mawr include:

**Fall 2010**

- ANTH B101  Introduction to Anthropology
- ANTH B316  Gender in South Asia
- COML B220  Writing the Self
- COML B314  Troilus and Criseyde
- CSTS B220  Writing the Self
- EDUC B280  Gender, Sex, and Education
- ENGL B314  Troilus and Criseyde
- ENGL B334  Topics in Film Studies: Queer Cinema through a Transnational Frame
- HART B108  Women, Feminism, and the History of Art
- HART B334  Topics in Film Studies: Queer Cinema through a Transnational Frame
- PHIL B225  Global Ethical Issues
- POLS B375  Women, Work, and Family
- SOCL B375  Women, Work, and Family
Courses in Gender and Sexuality currently offered at Haverford include:

**Spring 2011**

ANTH B102  Introduction to Cultural Anthropology  
ANTH B312  Anthropology of Reproduction  
ANTH B350  Advanced Topics in Gender Studies  
ARCH B303  Classical Bodies  
CITY B293  Fragmented Media: Film, Television, and Gendered Identities  
ENGL B257  Gender and Technology  
ENGL B263  Toni Morrison and the Art of Narrative Conjure  
ENGL B269  Vile Bodies in Medieval Literature  
ENGL B367  Asian American Film, Video and New Media  
ENGL B369  Women Poets  
GERM B321  Advanced Topics in German Cultural Studies: Vienna 1900  
HART B293  Fragmented Media: Film, Television, and Gendered Identities  
HART B340  Topics in Baroque Art: Costume and Consumer Culture  
HART B348  Topics in German Art  
ITAL B235  Italian Women’s Movement:  
PHIL B344  Development Ethics  
POLS B282  Exotic Other: Gender in the Middle East  
SOCL B262  Sociology of Public Opinion  
SOCL B350  Movements for Social Justice  
SPAN B223  Genero y modernidad en la narrativa del siglo XIX

**Spring 2011**

GERM H224  Visualizing Europe  
ICPR H281  Violence and Public Health  
ICPR H290  Interdisciplinary Perspectives on Gender  
POLS H123  American Politics: Difference and Discrimination  
POLS H229  Latino Politics in the U.S.  
RELG H330  Seminar in the Writings of Women of African Descent
General Studies

General studies courses focus on areas that are not usually covered in the Bryn Mawr curriculum and provide a supplement to the areas more regularly covered. These courses cut across disciplines and emphasize relationships among them. Many general studies courses are open, without prerequisite, to all students. With the permission of the major department, they may be taken for major credit.

**GNST B103 Introduction to Swahili Language and Culture I**

The primary goal of this course is to develop an elementary level ability to speak, read, and write Swahili. The emphasis is on communicative competence in Swahili based on the National Standards for Foreign Language Learning. In the process of acquiring the language, students will also be introduced to East Africa and its cultures. No prior knowledge of Swahili or East Africa is required.

(Mshomba, Division I or Division III)

**GNST B105 Introduction to Swahili Language and Culture II**

The primary goal of this course is to continue working on an elementary level ability to speak, read, and write Swahili. The emphasis is on communicative competence in Swahili based on the National Standards for Foreign Language Learning. Students will also continue learning about East Africa and its cultures. Introduction to Swahili Language and Culture I or permission of the instructor is required.

(Mshomba, Division I or Division III)

**GNST B145 Introduction to Latin American, Latino, and Iberian Peoples and Cultures**

A broad, interdisciplinary survey of themes uniting and dividing societies from the Iberian Peninsula through the contemporary New World. The class introduces the methods and interests of all departments in the concentration, posing problems of cultural continuity and change, globalization and struggles within dynamic histories, political economies, and creative expressions.

(Arbona, Song, Division I or Division III)

**GNST B156 Themes in Middle Eastern Society: The Space of Religion**

The basis for the Middle East Studies Concentration, this course features changing themes. For Fall 2010, the theme is the space of religion: in daily life; in politics and culture; space and metaphor. Included are sacred kingship, the rise of Islamic states, roles of Middle Eastern Christians and Jews, and challenges from secular ideologies that transform the space of religion.

(Harrold)

**GNST B255 Advanced Video Production**

This course will explore aesthetic strategies utilized by low-budget film and video makers as each student works throughout the semester to complete a 7-15 minute film or video project. Course requirements include weekly screenings, reading assignments, and class screenings of rushes and roughcuts of student projects. Prerequisites: Some prior film course experience necessary, instructor discretion.

(Staff, Division III: Humanities)

**GNST B290 Interdisciplinary Perspectives on Gender and Sexuality**

This course offers a rigorous grounding for students interested in questions of gender and sexuality. Bringing together intellectual resources from multiple disciplines, it also explores what it means to think across and between disciplinary boundaries. Team-taught by Bryn Mawr and Haverford professors from different disciplines, this course is offered yearly on alternate campuses.

(Dalke, Lindgren, Schneider, Division III: Humanities)

*Not offered in 2010-11.*
Students may complete a major or minor in Geology. Within the major, students may complete concentrations in Environmental Studies, geoarchaeology or geochemistry.

Faculty
Donald Barber, Associate Professor
Lynne Jessica Elkins, Lecturer
Katherine Nicholson Marenco, Lecturer
Pedro Jose Marenco, Assistant Professor
Arlo Brandon Weil, Associate Professor and Chair

The department seeks to make students more aware of the physical world around them and of its development through time. The subject includes a study of the materials from which the Earth is made; of the physical processes which have formed the Earth; of the history of the Earth and its organisms; and of the various techniques necessary to investigate Earth processes and the geologic record.

Each introductory course is designed to cover a broad group of topics from a different perspective. Students may elect any of the 100-level courses. Fieldwork is an essential part of geologic training and is part of all introductory courses, most other classes and most independent research projects.

Major Requirements
Thirteen courses are required for the major: GEOL 101 and 102 or 103; 202, 203, 204, and 205; MATH 101 and 102, or alternates approved by the adviser; a two-semester sequence of CHEM (103-104) or PHYS (101-102 or 121-122); GEOL 399; and either two advanced geology courses or one advanced geology course and an additional upper-level course in biology, chemistry, mathematics, physics, or computer science.

Additional courses in the allied sciences are strongly recommended and are required by most graduate schools. A student who wishes to follow a career in geology should plan to attend a summer field course, usually following the completion of the 200-level courses.

All geology majors undertake a research project (GEOL 399) and write a thesis in the spring semester of her senior year.

Honors
Honors are awarded to students who have outstanding academic records in geology and allied fields, and whose research is judged by the faculty of the department to be of the highest quality.

Minor Requirements
A minor in geology consists of two of the 100-level geology courses, and any four of the 200- or 300-level courses offered by the department.

Concentration in Environmental Studies
The Environmental Studies concentration allows students to explore interactions of the geosphere, biosphere and human societies. The concentration represents interdisciplinary cooperation among departments in the natural and social sciences and humanities, and is open to students from any major, pending approval of the home department.

The Environmental Studies concentration in Geology consists of GEOL 101 and 103, 202 and two other 200-level geology courses, 302, 397, one other 300-level geology course and 399; CITY/SOCL 175, BIOL 220; two semesters of chemistry; and two semesters of math, statistics or computational methods. Two additional environmental courses outside of the natural sciences also are required: one addressing issues of planning and policy, and one that addresses issues of humans in the environment. The Environmental Studies Web site: (http://www.brynmawr.edu/es/core.htm) lists approved courses in these categories. Paperwork for the concentration should be filed at the same time as the major work plan. Students also should carefully consider their options with regard to study abroad in the junior year. Early consultation with the current director of Environmental Studies is advised in the planning of courses.

Concentration in Geoarchaeology
The geoarchaeology concentration allows students majoring in anthropology, archaeology or geology to explore the connections among these fields with respect to how our human ancestors interacted with past environments, and how traces of human behavior are preserved in the physical environment. In geology, the geoarchaeology concentration consists of 13 courses: GEOL 101 or 102 or 103; 202, 203, 204, 205, 270, and 399; two semesters of chemistry; two semesters of math, statistics or computational methods; either ARCH 101 or ANTH 101; and one 200- or 300-level elective from among current offerings in Anthropology or Classical and Near Eastern Archaeology. Paperwork for the concentration should be filed at the same time as the major work plan. For course planning advice, consult with Don Barber (Geology), Rick Davis (Anthropology) or Peter Magee (Archaeology).

Concentration in Geochemistry
The geochemistry concentration encourages students majoring either in geology or in chemistry to design a course of study that emphasizes earth chemistry. In geology this concentration includes at least: GEOL 101,
103, 202, 205; 302 or 305; CHEM 101 or 103, 104 and 221 or 222. Additional chemistry courses might include 211 (Organic Chemistry). Other courses that complement this concentration are: calculus, linear algebra, computer programming and computer modeling. Paperwork for the concentration should be filed at the same time as the major work plan. For course planning advice, contact Pedro Marenco or Lynne Elkins (Geology) or Sharon Burgmayer (Chemistry).

GEOL B115 Living with Volcanoes
An introduction to the study of planet Earth—the materials of which it is made, the forces that shape its surface and interior, the relationship of geological processes to people, and the application of geological knowledge to the search for useful materials. Laboratory and fieldwork focus on learning the tools for geological investigations and applying them to the local area and selected areas around the world. Three lectures and one afternoon of laboratory or fieldwork a week. One required one-day field trip on a weekend.
(Elkins, Division II with Lab)

GEOL B120 Origin & Early Evolution of Life
Where and how did life originate on Earth? What are the minimum conditions for life to arise, and persist, on any planet? Scientists are closer now than ever before to answering these intriguing questions. In this course, we will explore the fundamental requirements for life; critically examine many of the hypotheses that have been proposed to explain the origin of life on Earth; survey the fossil, geochemical, and molecular evidence for early life, from the earliest-known examples through the “Cambrian Explosion”; and propose means of identifying life and its effects elsewhere in the universe. Two lectures per week, plus a one-day fieldtrip.
(K. Marenco)

GEOL B202 Mineralogy and Crystal Chemistry
The crystal chemistry of representative minerals, descriptive and determinative mineralogy, as well as the relation between the physical properties of minerals and their structures and chemical compositions. The occurrence and petrography of typical mineral associations and rocks is also covered. Lecture three hours, laboratory at least three hours a week. Prerequisite: introductory course in geology or chemistry (both recommended).
(Elkins, Division II with Lab)

GEOL B203 Invertebrate Paleobiology
Biology, evolution, ecology, and morphology of the major marine invertebrate fossil groups. Three lectures and one three-hour laboratory a week. A semester-long research project culminating in a scientific manuscript will be based on material collected on a two-day trip to the Tertiary deposits of the Chesapeake Bay.
(Marenco, Division II with Lab)

GEOL B204 Structural Geology
An introduction to the study of rock deformation in the Earth’s lithosphere viewed from all scales - from the microscopic (atomic scale) to the macroscopic (continental scale). This class focuses on building a foundation of knowledge and understanding that will allow students to broaden their appreciation and understanding of the complexity of the Earth system and the links between geologic structures at all scales and plate tectonics. Three lectures and three hours of laboratory a week, plus weekend field trips. Prerequisites: GEOL 101 and MATH 101.
(Weil, Division II with Lab)

GEOL B205 Sedimentary Materials and Environments
An introduction to sediment transport, depositional processes, and stratigraphic analysis, with emphasis on interpretation of sedimentary sequences and the reconstruction of past environments. Three lectures and
one lab a week, plus a weekend field trip. Prerequisite: GEOL 101, 102, 103 or instructor permission. Recommended: GEOL 202 and 203.
(Barber, Division II with Lab)

GEOL B206 Resources
An examination of issues concerning the supply of energy and raw materials required by humanity. This includes an investigation of the geological framework that determines resource availability, and of the social, economic, and political considerations related to energy production and resource development. Two 90-minute lectures a week. Prerequisite: one year of college science.
(Barber, Division II: Natural Science)

GEOL B209 Natural Hazards
A quantitative approach to understanding the earth processes that impact human societies. We consider the past, current, and future hazards presented by geologic processes, including earthquakes, volcanoes, landslides, floods, and hurricanes. The course includes discussion of the social, economic, and policy contexts within which natural geologic processes become hazards. Case studies are drawn from contemporary and ancient societies. Lecture three hours a week, with one day-long field trip. Prerequisite: one semester of college science or permission of instructor.
(Weil, Division II and Quantitative Skills)
Cross-listed as CITY B210
Not offered in 2010-11.

GEOL B230 The Science of Soils
Physical, chemical, and biological processes within soil systems. Emphasis is on factors governing the physical properties, nutrient availability, and plant growth and production within soils. How to classify soils and to assess nutrient cycling and contaminant fate will be covered. Prerequisite: at least one introductory course in Geology, Biology or Chemistry.
(Staff, Division II: Natural Science)
Not offered in 2010-11.

GEOL B236 Evolution
(Gardiner, Marenco, Division II: Natural Science)
Cross-listed as BIOL B236
Cross-listed as ANTH B236

GEOL B250 Computational Methods in the Sciences
(Sears, Division II and Quantitative Skills)
Cross-listed as BIOL B250
Cross-listed as CMSC B250
Not offered in 2010-11.

GEOL B255 Problem Solving in the Environmental Sciences
Provides basic quantitative and numerical modeling skills that can be applied to any of the natural sciences, including geology and environmental studies. Students will learn fundamental quantitative concepts while exploring issues such as global warming, sudden catastrophes, and the effects of steady flow of wind and water on Earth’s surface. Lecture/discussion three hours a week.
(Staff, Division II and Quantitative Skills)
Not offered in 2010-11.

GEOL B270 Geoarchaeology
(Barber, Magee)
Cross-listed as ARCH B270
Cross-listed as ANTH B270
Not offered in 2010-11.

GEOL B302 Low-Temperature Geochemistry
The geochemistry of Earth surface processes. Emphasis is on the chemistry of surface waters, atmosphere-water environmental chemistry, chemical evolution of natural waters, and pollution issues. Fundamental principles are applied to natural systems with particular focus on environmental chemistry. Prerequisites: CHEM 103, 104 and GEOL 202 or two 200-level chemistry courses, or permission of instructor.
(Staff)
Not offered in 2010-11.

GEOL B303 Advanced Paleobiology/Advanced Evolution Seminar
Principles, theory, and application of various aspects of paleobiology such as evolution. Seminar-based, with a semester-long research project or paper. Three hours of seminar a week and a weekend fieldtrip. Prerequisite: GEOL 203 or permission of instructor.
(Marenco)
Not offered in 2010-11.

GEOL B304 Tectonics
Plate tectonics and continental orogeny are reviewed in the context of deep time and the geologic record in selected mountain ranges and certain geophysical data. Three hours of lecture and a problem session a week. Prerequisite: GEOL 204 or permission of instructor.
(Weil)

GEOL B305 Igneous and Metamorphic Petrology
The origin, mode of occurrence, and distribution of igneous and metamorphic rocks. The focus is on the experimental and field evidence for interpreting rock associations and the interplay between igneous and
metamorphic rock genesis and tectonics. Three lectures and three hours of laboratory or equivalent field work a week. Occasional weekend field trips. Prerequisites: GEOL 202 and CHEM 101 or 103, and 104.

GEOL B310 Introduction to Geophysics

An overview covering how geophysical observations of the Earth's magnetic field, gravity field, heat flow, radioactivity, and seismic waves provide a means to study plate tectonics. Also covered are the geophysical techniques used in mineral and energy resources exploration, and in the monitoring of groundwater, earthquakes and volcanoes. Three class hours a week. Prerequisites: GEOL 101 and PHYS 101, 102.

GEOL B312 Quaternary Geology

The Quaternary Period comprises the last 1.8 million years of Earth history, an interval dominated by climate fluctuations and the waxing and waning of large northern hemisphere ice sheets. This course covers the many types of geological evidence used to reconstruct Quaternary climate variability. Three class hours a week, including hands-on data analysis exercises. Prerequisite: GEOL 103 or 205, or permission of instructor.

GEOL B314 Marine Geology

An introduction to the structure of ocean basins, and the marine sedimentary record. Includes an overview of physical, biological, and chemical oceanography, and modern coastal processes such as shoreline erosion. Meets twice weekly for a combination of lecture, discussion and hands-on exercises, including one day-long field trip. Prerequisite: GEOL 101, 102 or 103, and 205, or permission of instructor.

GEOL B328 Analysis of Geospatial Data Using GIS

GEOL B350 Advanced Topics in Geology (Spring 2011): Carbonate Petrography and Geochemistry

This course is designed to help students learn techniques for understanding Earth's changing environments by using mineral and geochemical indicators preserved in carbonate rocks. The course is largely laboratory-based, with an emphasis on making predictions, observations, and interpretations for rocks collected by the class. To this end, students will be learning how to use advanced petrographic and geochemical tools such as cathodoluminescence petrography, inductively coupled plasma mass spectrometry and ion chromatography.

GEOL B397 Senior Seminar in Environmental Studies

A seminar course that encourages and facilitates environmental problem solving by interdisciplinary teams of ES concentrators. Coursework may take the form of civic engagement (Praxis) projects. Students hone their research, collaboration, and leadership abilities by working on real problems facing our community and the broader world. Students will provide oral and written progress reports and submit written summaries of their findings. Collaborative research projects also are possible. Three hours per week.

GEOL B399 Senior Thesis

An independent project in the field, laboratory, or library culminating in a written report and oral presentation. Required for all geology majors in the spring semester of the senior year.

GEOL B403 Independent Research

GEOL B425 Praxis III

Independent or group projects with a significant emphasis on community outreach and service. Projects usually focus on addressing environmental issues through collaborative work with off-campus practitioners. Prerequisites: advanced standing in the environmental studies concentration or permission of the instructor.
German and German Studies

Students may complete a major or minor in German and German Studies.

Chairs
Imke Meyer, Professor and Co-Chair
Ulrich Schönherr, Associate Professor and Co-Chair

Faculty at Bryn Mawr College
David M. Kenosian, Lecturer
Imke Meyer, Professor and Co-Chair
Azade Seyhan, Professor (on leave semester II)

Faculty at Haverford College
Imke Brust, Visiting Assistant Professor of German
Ulrich Schönherr, Associate Professor and Co-Chair

The Bryn Mawr-Haverford Bi-College Department of German draws upon the expertise of the German faculty at both Bryn Mawr and Haverford Colleges to offer a broadly conceived German Studies program, incorporating a variety of courses and major options. The purpose of the major in German and German Studies is to lay the foundation for a critical understanding of German culture in its contemporary global context and its larger political, social, and intellectual history. To this end we encourage a thorough and comparative study of the German language and culture through its linguistic and literary history, systems of thought, institutions, political configurations, and arts and sciences.

The German program aims, by means of various methodological approaches to the study of another language, to foster critical thinking, expository writing skills, understanding of the diversity of culture(s), and the ability to respond creatively to the challenges posed by cultural difference in an increasingly global world. Course offerings are intended to serve both students with particular interests in German literature and literary theory and criticism, and those interested in studying German and German-speaking cultures from the perspective of communication arts, film, history, history of ideas, history of art and architecture, history of religion, institutions, linguistics, mass media, philosophy, politics, and urban anthropology and folklore.

A thorough knowledge of German is a goal for both major concentrations. The objective of our language instruction is to teach students communicative skills that enable them to function effectively in authentic conditions of language use and to speak and write in idiomatic German. A major component of all German courses is the examination of issues that underline the cosmopolitanism as well as the specificity and complexity of contemporary German culture. German majors can and are encouraged to take courses in interdisciplinary areas, such as comparative literature, film, gender and sexuality studies, growth and structure of cities, history, history of art, music, philosophy, and political science, where they read works of criticism in these areas in the original German. Courses relating to any aspect of German culture, history, and politics given in other departments can count toward requirements for the major or minor.

College Foreign Language Requirement

The College’s foreign language requirement may be satisfied by completing GERM 101 and 102 with an average grade of at least 2.0 or with a grade of 2.0 or better in GERM 102.

Major Requirements

The German and German studies major consists of 10 units. All courses at the 200 or 300 level count toward the major requirements, either in a literature concentration or in a German studies concentration. A literature concentration normally follows the sequence 201 and/or 202; 209 or 212, or 214, 215; plus additional courses to complete the 10 units, two of them at the 300 level; and finally one semester of Senior Conference. A German studies major normally includes 223 and/or 224 or 245; one 200- and one 300-level course in German literature; three courses (at least one at the 300 level) in subjects central to aspects of German culture, history, or politics; and one semester of GERM 321 (Advanced Topics in German Cultural Studies). Within each concentration, courses need to be selected so as to achieve a reasonable breadth, but also a degree of disciplinary coherence. Within departmental offerings, GERM 201 and 202 (Advanced Training) strongly emphasize the development of conversational, writing, and interpretive skills. German majors are encouraged, when possible, to take work in at least one foreign language other than German.

Honors

Any student who has completed a senior thesis and whose grade point average in the major at the end of the senior year is 3.8 or higher qualifies for departmental honors. Students who have completed a thesis and whose major grade point average at the end of the senior year is 3.6 or higher, but not 3.8, are eligible to be discussed as candidates for departmental honors. A student in this range of eligibility must be sponsored by at least one faculty member with whom she has done coursework, and at least one other faculty member must read some of the student’s advanced work and agree on the excellence of the work in order for departmental honors to be awarded. If there is a sharp difference of opinion, additional readers will serve as needed.
Minor Requirements

A minor in German and German studies consists of seven units of work. To earn a minor, students are normally required to take GERM 201 or 202, and four additional units covering a reasonable range of study topics, of which at least one unit is at the 300 level. Additional upper-level courses in the broader area of German studies may be counted toward the seven units with the approval of the department.

Study Abroad

Students majoring in German are encouraged to spend some time in German-speaking countries in the course of their undergraduate studies. Various possibilities are available: summer work programs, DAAD (German Academic Exchange) scholarships for summer courses at German universities, and selected junior year abroad programs.

GERM B/H001 Elementary German

Meets five hours a week with the individual class instructor, two hours with student drill instructors. Strong emphasis on communicative competence both in spoken and written German in a larger cultural context. (Brust, Kenosian, Language Level 1)

GERM B/H002 Elementary German

Meets five hours a week with the individual class instructor, two hours with student drill instructors. Strong emphasis on communicative competence both in spoken and written German in a larger cultural context. (Kenosian, Language Level 1)

GERM B/H101 Intermediate German

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. (Schönherr, Seyhan, Language Level 2)

GERM B/H102 Intermediate German

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. (Kenosian, Schönherr, Language Level 2)

GERM H201 Advanced Training: Language, Text, Context

Emphasis on the development of conversational, writing, and interpretive skills through an introductory study of German cultural, intellectual, and political life and history, including literature, film, public debate, institutional practices, mass media, pop culture, cross-cultural currents, and folklore. Course content may vary. (Schönherr, Division I or III)

GERM B202 Introduction to German Studies

Interdisciplinary and historical approaches to the study of German language and culture. Selected texts for study are drawn from autobiography, Märchen, satire, philosophical essays and fables, art and film criticism, discourses of gender, travel writing, cultural productions of minority groups, and scientific and journalistic writings. Emphasis is on a critical understanding of issues such as linguistic imperialism and exclusion, language and power, gender and language, and ideology and language. (Meyer, Division I or Division III)

GERM B209 Introduction to Literary Analysis: Philosophical Approaches to Criticism

A focus on applications and implications of theoretical and aesthetic models of knowledge for the study of literary works. (Seyhan, Division III: Humanities) Cross-listed as COML B209 Cross-listed as PHIL B209 Not offered in 2010-11.

GERM B/H212 Readings in German Intellectual History

Course content varies. Study of selected texts of German intellectual history, introducing representative works of Theodor W. Adorno, Hannah Arendt, Walter Benjamin, Sigmund Freud, Jürgen Habermas, Georg W. F. Hegel, Martin Heidegger, Werner Heisenberg, Immanuel Kant, G. E. Lessing, Karl Marx, Friedrich Nietzsche, Friedrich Schiller, and Ludwig Wittgenstein. The course aims to introduce students to an advanced cultural reading range and the languages and terminology of humanistic disciplines in German-speaking countries, and seeks to develop their critical and interpretive skills. (Meyer, Schönherr, Seyhan, Division III: Humanities) Cross-listed as PHIL B204 Not offered in 2010-11.

GERM B213 Theory in Practice: Critical Discourses in the Humanities

(Higginson, Division III: Humanities) Cross-listed as FREN B213 Cross-listed as COML B213 Cross-listed as PHIL B253

GERM B/H223 Topics in German Cultural Studies

Course content varies. Topic for Fall 2010: “Writing 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. Previous topics include: History in European & Middle Eastern Literature; Kafka’s Prague; Decadent Munich 1890-1925.

(Brust, Kenosian, Division I or Division III)
Cross-listed as COML B223

GERM H224 Topics in German Visual Culture

Course content varies. Topic for Spring 2011: “Visualizing Europe.” The seminar is designed to provide a broad overview of the various aesthetic trends as well as political contexts, which have shaped the contemporary imagination/creation of the European Union. Engaging a variety of different texts, media, and disciplinary perspectives, this course will retrace and engage with the historical development of the idea of Europe from Ancient Greece to contemporary times, and assess the importance of visual representations of this idea in the current era of globalization and mass communication. Previous topics include: New German Cinema.

(Brust, Division I or Division III)

GERM B227 Topics in Modern Planning

(Hein, Division I: Social Science)
Cross-listed as CITY B227
Cross-listed as FREN B227
Cross-listed as HART B227
Not offered in 2010-11.

GERM B231 Cultural Profiles in Modern Exile

This course investigates the anthropological, philosophical, psychological, cultural, and literary aspects of modern exile. It studies exile as experience and metaphor in the context of modernity, and examines the structure of the relationship between imagined/remembered homelands and transnational identities, and the dialectics of language loss and bi-and multi-lingualism. Particular attention is given to the psychocultural dimensions of linguistic exclusion and loss. Readings of works by Julia Alvarez, Anita Desai, Sigmund Freud, Milan Kundera, Friedrich Nietzsche, Salman Rushdie, and others.

(Seyhan, Division III: Humanities)
Cross-listed as ANTH B231
Cross-listed as COML B231
Not offered in 2010-11.

GERM B245 Interdisciplinary Approaches to German Literature and Culture

Course content varies. Topic for Fall 2007: Sexuality and Gender in German Literature and Film. Previous topics include: Women’s Narratives on Modern Migrancy, Exile and Diaspora; Nation and Identity in Post-War Austria.

(Meyer, Seyhan, Division III: Humanities)
Cross-listed as COML B245
Not offered in 2010-11.

GERM B262 Film and the German Literary Imagination

Course content varies. Topic for Fall 2010: “Austrian Cinema: From the Silent Era to the Present.” This course offers an overview of Austrian cinema from the silent era to the present. We will trace the ways in which Austrian film grapples with the fall of the Habsburg Empire, World War I and its aftermath, Austro-Fascism, the Annexation of Austria by Nazi Germany, World War II, Austria’s relation to the Holocaust, shifting notions of national identity after 1945, and Austria’s entrance into the European Union. Previous topics include: Travel in Post-War German and Austrian Film; Global Masculinities: The Male Body in Contemporary Cinema.

(Meyer, Division III: Humanities)

GERM B299 Cultural Diversity and Its Representations

A focus on representations of “foreignness” and “others” in selected German works since the 18th century, including works of art, social texts, and film, and on the cultural productions of non-German writers and artists living in Germany today. Topic for Spring 2009: Middle Eastern Cultures in Contemporary Germany.

(Seyhan, Division I or Division III)
Cross-listed as CITY B299
Cross-listed as COML B299
Not offered in 2010-11.

GERM B303 Modern German Prose

(Meyer, Division III: Humanities)
Not offered in 2010-11.

GERM B305 Modern German Drama

Course content varies. Topic for Spring 2011: “Representations of Family in German Drama.” This seminar focuses on discourses on the family advanced by German and Austrian playwrights from the second half of the 18th century to the late 20th century. Focusing on the dramatic representation of the family will allow us to analyze the link between bourgeois and national identity, and we will also have the opportunity to address questions of gender, class, generational conflict, bourgeois morality, religion, and Bildung. We will trace the development of theatrical representations of family through the interpretation of selected dramatic and theoretical texts. Taught in German.

(Meyer, Division III: Humanities)
Cross-listed as COML B305
GERM B308 Political Transformation in Eastern and Western Europe: Germany and Its Neighbors

(Hager, Division I: Social Science)
Cross-listed as POLS B308
Not offered in 2010-11.

GERM B310 Topics in German Literature

Course content varies. Topic for Fall 2010: “Leaps of Faith: Religion in German Literature and Culture.” This course focuses on discourses on religion in German literature and culture. We will analyze representations of Judaism, Christianity, and Islam in German literature. We will also discuss representations of religious institutions, as well as representations of the role these institutions play within German society at various points in history. We will pay particular attention to the intersections of discourses on religion with discourses on family, gender, class, and race. One additional hour of target language instruction TBA. Previous topics include: Decadent Munich: 1890-1925.
(Meyer, Division III: Humanities)
Cross-listed as HEBR B310

GERM H320 Topics in German Literature and Culture

Course content varies. Topic for Fall 2010: “Sex - Crime – Madness: The Birth of Modernism and the Aesthetics of Transgression.” The emancipation from rule-bound poetics and didactic and moral constraints led to a re-definition of literature around 1800, for which the classic/classicist triad of the true, the good, and the beautiful was no longer valid. Focusing on major literary figures from Goethe to Brecht, the seminar will examine the ‘paradigm shift’ towards a modern aesthetics of transgression in which social, racial, and sexual deviancy take center stage. Previous topics include: Contemporary German Fiction; and Configurations of Femininity in German Literature.
(Schönherr, Division I or Division III)

GERM B/H321 Advanced Topics in German Cultural Studies

Course content varies. Topic for Spring 2011 at Bryn Mawr: “The Last Days of Habsburg: Vienna 1900 and the End of an Empire.” Art, architecture, theater, literature, philosophy, and psychoanalysis were grappling with the seismic shifts which constructions of gender, family, class, ethnic identity, and religious identity were undergoing as the Habsburg Empire crumbled. Topic for Spring 2011 at Haverford: “Berlin/Germany from a Transnational Perspective.” After familiarizing ourselves with the concepts and theories of cosmopolitanism, internationalism, transnationalism/transnational identity, we will primarily focus on a variety of different texts written by German immigrant writers, Germans in the diaspora, as well as foreigners about Germany and Berlin.
(Staff, Division III: Humanities)
Cross-listed as CITY B319
Cross-listed as COML B321
Cross-listed as HART B348

GERM B380 Topics in Contemporary Art

(Saltzman, Division III: Humanities)
Cross-listed as HART B380
Cross-listed as HEBR B380
Not offered in 2010-11.

GERM B/H399 Senior Seminar

(Kenosian, Schönherr)

GERM B403 Supervised Work

(Staff)

GERM B421 German for Reading Knowledge

This course will provide graduate and undergraduate students with the skills to read and translate challenging academic texts from German into English. We will quickly cover the essentials of German grammar and focus on vocabulary and constructions that one can encounter in scholarly writing from a variety of disciplines. Does not fulfill the Language Requirement.
(Kenosian)
Greek, Latin, and Classical Studies

Students may complete a major in Greek, Latin, Classical Languages, or Classical Culture and Society. Students may complete a minor in Greek, Latin, or Classical Culture and Society. Students may complete an M.A. in Greek or Latin in the combined A.B./M.A. program.

Faculty
Annette Martine Baertschi, Assistant Professor (on leave semesters I and II)
Francisco Barrenechea, Lecturer
Catherine Conybeare, Associate Professor
Radcliffe Edmonds, Associate Professor and Chair, semester II
Russell T. Scott, Professor and Chair, semester I (on leave semester II)
Asya Sigelman, Assistant Professor

In collaboration with the Department of Classics at Haverford College, the department offers four major programs of study: Greek, Latin, Classical Languages, and Classical Culture and Society. In addition to the sequence of courses specified for each major, all majors must participate in the Senior Seminar, a full-year course. In the first term, students refine their ability to read, discuss, and critique classical texts through engagement with scholarship from various fields of Classical Studies while in the second term, they conduct independent research, culminating in a substantial thesis paper and a presentation to the department. Senior essays of exceptionally high quality may be awarded departmental honors at commencement.

Students, according to their concentrations, are encouraged to consider a term of study during junior year in programs such as the College Year in Athens or the Intercollegiate Center for Classical Studies in Rome.

GREEK

The sequence of courses in the ancient Greek language is designed to acquaint the students with the various aspects of Greek culture through a mastery of the language and a comprehension of Greek history, mythology, religion and the other basic forms of expression through which the culture developed. The works of poets, philosophers and historians are studied both in their historical context and in relation to subsequent Western thought.

College Foreign Language Requirement
The College’s foreign language requirement may be satisfied by completing GREEK 101 and 104 with an average grade of at least 2.0 or with a grade of 2.0 or better in GREEK 104.

Major Requirements
Requirements in the major are two courses at the introductory level, two courses at the 100 level, two courses at the 200 level, one course at the 300 level and the Senior Seminar.

Also required are three courses to be distributed as follows: one in Greek history, one in Greek archaeology, and one in Greek philosophy.

By the end of the senior year, majors will be required to have completed a sight translation from Greek to English.

Prospective majors in Greek are advised to take Greek in their first year. For students entering with Greek there is the possibility of completing the requirements for both A.B. and M.A. degrees in four years. Those interested in pursuing advanced degrees are advised to have a firm grounding in Latin.

Minor Requirements
Requirements for a minor in Greek are two courses at the introductory level, two courses at the 100 level, two courses at the 200 level.

Courses for which a knowledge of Greek is not required are listed under Classical Culture and Society.

GREEK B010 Traditional and New Testament Greek
The first part of this year-long course will focus on introducing standard (Classical) Greek. Once the grammar has been fully introduced, early in the spring semester, the class will begin to develop facility by reading part of the New Testament, selections from Xenophon and, finally, a dialogue of Plato.
(Sigelman, Language Level 1)

GREEK B011 Traditional and New Testament Greek
The first part of this year-long course will focus on introducing standard (Classical) Greek. Once the grammar has been fully introduced, early in the spring semester, the class will begin to develop facility by reading part of the New Testament, selections from Xenophon and, finally, a dialogue of Plato.
(Sigelman, Language Level 1)
Major Requirements

Requirements for the major are LATN 101, 102, two literature courses at the 200 level, two literature courses at the 300 level, HIST 207 or 208, Senior Seminar, and two courses to be selected from the following: Classical and Near Eastern Archaeology or Greek at the 100 level or above; French, Italian or Spanish at the 200 level or above.

Courses taken at the Intercollegiate Center for Classical Studies in Rome are accepted as part of the major.

By the end of the senior year, majors will be required to have completed successfully a sight translation examination from Latin to English.

Students who place into 200-level courses in their first year may be eligible to participate in the A.B./M.A. program. Those interested should consult the department as soon as possible.

Minor Requirements

Requirements for the minor are normally six courses, including one at the 300 level. For non-majors, two literature courses at the 200 level must be taken as a prerequisite for admission to a 300-level course.

Courses for which knowledge of Latin is not required are listed under Classical Culture and Society.

LATN B001 Elementary Latin

Basic grammar, composition, and Latin readings, including classical prose and poetry.
(Scott, Language Level 1)

LATN B002 Elementary Latin

Basic grammar, composition, and Latin readings, including classical prose and poetry.
(Barrenechea, Language Level 1)

LATN B003 Intermediate Latin

Intensive review of grammar, reading in classical prose and poetry. For students who have had the equivalent of two years of high school Latin or are not adequately prepared to take LATN 101. This course meets three times a week with a required fourth hour to be arranged.
(Barrenechea, Language Level 2)

LATN B101

Catullus and Cicero.
(Staff, Division III: Humanities)
Offered at Haverford in 2010-11.
LATN B112 Latin Literature: Livy and Horace

Livy and Horace. Prerequisite: LATN 101 or placement by the department.
(Conybeare, Division III: Humanities)

LATN B201 Advanced Latin Literature: The Augustan Age

(Staff, Division III: Humanities)
Offered at Haverford in 2010-11.

LATN B202 Advanced Latin Literature: Literature of the Empire: Petronius

Readings from major authors of the first and second centuries C.E.
(Barrenechea, Division III: Humanities)

LATN B203 Medieval Latin Literature

Selected works of Latin prose and poetry from the late Roman Empire through the 12th century.
(Conybeare, Division III: Humanities)
Not offered in 2010-11.

LATN B205 Latin Style

A study of Latin prose style based on readings and exercises in composition. Offered to students wishing to fulfill the requirements for teacher certification in Latin or to fulfill one of the requirements in the major.
(Barrenechea, Division III: Humanities)
Not offered in 2010-11.

LATN B301 Vergil's Aeneid

(Baertschi, Division III: Humanities)
Not offered in 2010-11.

LATN B302 Tacitus

(Scott, Division III: Humanities)
Not offered in 2010-11.

LATN B312 Roman Satire

(Conybeare, Division III: Humanities)
Not offered in 2010-11.

LATN B350 Topics in Latin Literature: Roman Historians

Open only to advanced undergraduates, this course includes a weekly seminar and a translation session. Three-fourths of the reading will be from primary sources. One additional hour TBA. Prerequisite: a 200-level Latin course.
(Conybeare, Scott, Division III: Humanities)

LATN B398 Senior Seminar

(Staff)

LATN B399 Senior Seminar

(Staff)

LATN B403 Supervised Work

(Staff)

CLASSICAL LANGUAGES

The major in classical languages is designed for the student who wishes to divide her time between the two languages and literatures.

Major Requirements

In addition to the Senior Seminar, the requirements for the major are eight courses in Greek and Latin, including at least two at the 200 level in one language and two at the 300 level in the other, and two courses in ancient history and/or classical archaeology. There are two final examinations: a sight translation from Greek to English, and another from Latin to English.

CLASSICAL CULTURE AND SOCIETY

The major provides a broad yet individually structured background for students whose interest in the ancient classical world is general and who wish to pursue more specialized work in one or more particular areas.

Major Requirements

The requirements for the major, in addition to the Senior Seminar, are nine courses distributed as follows:

• two courses in either Latin or Greek beyond the elementary level
• one course in Greek and/or Roman history
• three courses, at least two of which are at the 200 level or higher, in one of the following concentrations: archaeology and art history, philosophy and religion, literature and the classical tradition, or history and society
• three electives, at least one of which is at the 200 level or higher, and one of which must be among the courses counted toward the history/society concentration (except in the case of students in that concentration)

Minor Requirements

For the minor, six courses drawn from the range of courses counted toward the major are required. Of these, two must be in Greek or Latin beyond the
elementary level and at least one must be in classical culture and society at the 200 level.

**CSTS B110 The World Through Classical Eyes**
(Donohue, Division III: Humanities)  
Cross-listed as ARCH B110  
Cross-listed as CITY B110

**CSTS B115 Classical Art**
(Donohue, Division III: Humanities)  
Cross-listed as ARCH B115  
Cross-listed as CITY B115  
Cross-listed as HART B115  
*Not offered in 2010-11.*

**CSTS B125 Classical Myths in Art and in the Sky**
(Lindenlauf, Division III: Humanities)  
Cross-listed as ARCH B125  
Cross-listed as HART B125  
*Not offered in 2010-11.*

**CSTS B160 Daily Life in Ancient Greece and Rome**
(Donohue, Division III: Humanities)  
Cross-listed as ARCH B160  
Cross-listed as CITY B160  
*Not offered in 2010-11.*

**CSTS B191 The Worlds of the Greek Heroes**
(Staff, Division III: Humanities)  
*Not offered in 2010-11.*

**CSTS B193 The Routes of Comedy**
(Barrenechea, Division III: Humanities)  
*Not offered in 2010-11.*

**CSTS B205 Greek History**
(A broad survey, ranging from the pre-history of comedy in such phenomena as monkey laughs and ritual abuse to the ancient comedies of Greece and Rome and their modern descendants, from the Marx Brothers and Monty Python to Seinfeld and South Park.  
(Barrenechea, Division III: Humanities)  
*Not offered in 2010-11.*

**CSTS B206 Society, Medicine, and Law in Ancient Greece**
(Staff, Division III: Humanities)  
Cross-listed as HIST B206  
*Not offered in 2010-11.*

**CSTS B207 Early Rome and the Roman Republic**
(Scott, Division III: Humanities)  
Cross-listed as HIST B207  
*Not offered in 2010-11.*

**CSTS B208 The Roman Empire**
(Scott, Division I or Division III)  
Cross-listed as HIST B208  
*Not offered in 2010-11.*

**CSTS B209 Eros in Ancient Greek Culture**
(Edmonds, Division III: Humanities)  
*Not offered in 2010-11.*

**CSTS B212Magic in the Greco-Roman World**
(Edmonds, Division III: Humanities)  
*Not offered in 2010-11.*
the Greco-Roman world made use of magic to try to influence the world around them. This course will examine the magicians of the ancient world and the techniques and devices they used. We shall consider ancient tablets and spell books as well as literary descriptions of magic in the light of theories relating to the religious, political, and social contexts in which magic was used. (Edmonds, Division III: Humanities)

CSTS B220 Writing the Self

What leads people to write about their lives? Do women and men present themselves differently? Do they think different issues are important? How do they claim authority for their thoughts and experiences? Readings will include Abelard and Heloise’s Letters, Augustine’s Confessions, Guibert de Nogent’s A Monk’s Confession, Patrick’s Confession, Perpetua’s Passion, Radegund’s Fall of Thuringia, and a collection, Medieval Writings on Female Spirituality. (Conybeare, Division III: Humanities) Cross-listed as COML B220

CSTS H221 The Ancient Novel

(Germany, Division III: Humanities)

CSTS B223 The Early Medieval World

(Truitt, Division I or Division III) Not offered in 2010-11.

CSTS B224 High Middle Ages

(Truitt, Division I or Division III) Cross-listed as HIST B224 Not offered in 2010-11.

CSTS B231 Medicine, Magic and Miracles in the Middle Ages

(Truitt, Division I or Division III) Cross-listed as HIST B231 Cross-listed as ARCH B231 Not offered in 2010-11.

CSTS B234 Picturing Women in Classical Antiquity

(Lindenlauf, Division III: Humanities) Cross-listed as ARCH B234 Cross-listed as HART B234 Not offered in 2010-11.

CSTS B248 Reception of Classical Literature in the Hispanic World

A survey of the reception of Classical literature in the Spanish-speaking world. We read select literary works in translation, ranging from Renaissance Spain to contemporary Latin America, side-by-side with their classical models, to examine what is culturally unique about their choice of authors, themes, and adaptation of the material. (Barrenechea, Division III: Humanities) Cross-listed as COML B248 Cross-listed as SPAN B248

CSTS B255 Show and Spectacle in Ancient Greece and Rome

A survey of public entertainment in the ancient world, including theater and dramatic festivals, athletic competitions, games and gladiatorial combats, and processions and sacrifices. Drawing on literary sources, with attention to art and the archaeology and topography, we will explore the social, political and religious contexts of ancient spectacle. Special consideration will be given to modern equivalents of staged entertainment and representation of ancient spectacle in contemporary film and interpretive approaches such as gaze studies and carnivalesque. (Baertschi, Scott, Wright, Division III: Humanities) Cross-listed as ARCH B255 Cross-listed as CITY B260 Cross-listed as HIST B285 Not offered in 2010-11.

CSTS B270 Classical Heroes and Heroines

Examines ancient concepts of heroism, focusing on the model and evolution of classical heroism and different types available to men, women, and children. Topics include: social, cultural, and political functions of heroism; heroic legacies; epic vs. tragic heroes; dangers heroes and heroines may pose; personal costs of heroism; anti-heroes and heroic failures; historical æheroes’ and their literary representation; ancient vs. modern forms of heroism. (Baertschi, Division III: Humanities) Cross-listed as COML B270 Not offered in 2010-11.

CSTS B274 From Myth to Modern Cinema: Greek Tragedy in Contemporary Film

Explores how contemporary film, which is, like Greek drama, a creative medium appealing to the entire demographic spectrum, looks back to the ancient origins. In addition to literary-historical interpretation, the course will involve various methodological approaches such as film and gender theory, psychoanalysis, and feminist theory. (Baertschi, Division III: Humanities) Cross-listed as COML B274 Not offered in 2010-11.

CSTS H290 History of Literary Theory

(Roberts, Division III: Humanities)
Growth and Structure of Cities

Students may complete a major or minor in Growth and Structure of Cities. Complementing the major, students may complete a concentration in Environmental Studies or Latin American, Latino, and Iberian Peoples and Cultures. Students also may enter the 3-2 Program in City and Regional Planning, offered in cooperation with the University of Pennsylvania.

Faculty
Juan Manuel Arbona, Associate Professor and Chair
Jeffrey A. Cohen, Senior Lecturer
Carola Hein, Professor (on leave semesters I and II)
Gary Wray McDonogh, Professor
Samuel Olshin, Visiting Studio Critic
Ingrid Anne Steffensen, Lecturer
Ellen Frances Stroud, Associate Professor
Daniela Holt Voith, Senior Lecturer
David Consiglio, Instructor
Shira Walinsky, Lecturer
Jane Golden, Lecturer

The interdisciplinary Growth and Structure of Cities major challenges students to understand the dynamic relationships connecting urban spatial organization and the built environment with politics, economics, cultures and societies worldwide. Core introductory classes present analytic approaches that explore changing forms of the city over time and analyze the variety of ways through which women and men have re-created global urban life through time and across cultures. With these foundations, students pursue their interests through classes in architecture, urban social and economic relations, urban history, studies of planning and the environmental conditions of urban life. Opportunities for internships, volunteering, and study abroad also enrich the major. Advanced seminars further ground the course of study by focusing on specific cities and topics.

Major Requirements
A minimum of 15 courses (11 courses in Cities and four allied courses in other related fields) is required to complete the major. Two introductory courses (185, 190) balance sociocultural and formal approaches to urban form and the built environment, and introduce cross-cultural and historical comparison of urban development. The introductory sequence should be completed with a broader architectural survey course (253, 254, 255) and a second social science course that entails extended analysis (217 or 229). These courses should be completed as early as possible in the first and second...
years; at least two of them must be taken by the end of the first semester of the sophomore year. Students are encouraged to use other writing intensive classes within the major to develop a range of skills in methods, theory, and presentation.

In addition to these introductory courses, each student selects six elective courses within the Cities Department, including cross-listed courses. At least two must be at the 300 level. In the senior year, a third advanced course is required. Most students join together in a research seminar, CITY 398. Occasionally, however, after consultation with the major advisers, the student may elect another 300-level course or a program for independent research. This is often the case with double majors who write a thesis in another field.

Each student must also identify four courses outside Cities that represent additional expertise to complement her work in the major. These may include courses such as physics and calculus for architects, or special skills in design, language, or regional interests. Any minor, concentration, or second major also fulfills this requirement. Cities courses that are cross-listed with other departments or originate in them can be counted only once in the course selection, although they may be either allied or elective courses.

Both the Cities Department electives and the four or more allied courses must be chosen in close consultation with the major advisers in order to create a strongly coherent sequence and focus. This is especially true for students interested in architecture, who will need to arrange studio time (226, 228) as well as accompanying courses in math, science and architectural history; they should contact the department director or Daniela Voith in their first year. Likewise, students interested in pursuing a concentration in Environmental Studies should consult with Gary McDonogh or Juan Arbona. All students will be asked to provide a statement of their interests and goals to enrich the advising process.

Finally, students should also note that many courses in the department are given on an alternate-year basis. Many carry prerequisites in art history, economics, history, sociology, or the natural sciences.

Programs for study abroad or off campus are encouraged, within the limits of the Bryn Mawr and Haverford rules and practices. In general, a one-semester program is strongly preferred. The Cities Department regularly works with off-campus and study-abroad programs that are strong in architectural history, planning, and design, as well as those that allow students to pursue social and cultural interests. Students who would like to spend part or all of their junior year away must consult with the major advisers and appropriate deans early in their sophomore year.

Cities majors have created major plans that have allowed them to coordinate their interests in cities with architecture, planning, ethnography, history, law, environmental studies, mass media, social justice, medicine, public health, the fine arts, and other fields. No matter the focus, though, each Cities major must develop a solid foundation in both the history of architecture and urban form and the analysis of urban culture, experience, and policy. Careful methodological choices, clear analytical writing, and critical visual analysis constitute primary emphases of the major. Strong interaction with faculty and other students are an important and productive part of the Cities Department, which helps us all take advantage of the major’s flexibility in an organized and rigorous way.

Minor Requirements

Students who wish to minor in the Cities Department must take at least two out of the four required courses and four cities electives, including two at the 300 level. Senior Seminar is not mandatory for fulfilling the cities minor.

3-2 Program in City and Regional Planning

Over the past two decades, many Cities majors have entered the 3-2 Program in City and Regional Planning, offered in conjunction with the University of Pennsylvania. Students interested in this program should meet with Carola Hein early in their sophomore year.

CITY B103 Earth System Science and the Environment

(Barber, Division II with Lab)
Cross-listed as GEOL B103

CITY B104 Archaeology of Agricultural and Urban Revolutions

(Magee, Division III: Humanities)
Cross-listed as ARCH B104
Cross-listed as CSTS B104
Cross-listed as HART B115
Not offered in 2010-11.

CITY B110 The World Through Classical Eyes

(Donohue, Division III: Humanities)
Cross-listed as ARCH B110
Cross-listed as CSTS B110

CITY B115 Classical Art

(Donohue, Division III: Humanities)
Cross-listed as ARCH B115
Cross-listed as CSTS B115
Cross-listed as HART B115
Not offered in 2010-11.
CITY B136 Working with Economic Data
(Ross, Division I and Quantitative Skills)
Cross-listed as ECON B136
Not offered in 2010-11.

CITY B160 Daily Life in Ancient Greece and Rome
(Donohue, Division III: Humanities)
Cross-listed as ARCH B160
Cross-listed as CSTS B160
Not offered in 2010-11.

CITY B175 Environment and Society: History, Place, and Problems
This course introduces the ideas, themes, and methodologies of the interdisciplinary field of environmental studies, beginning with definitions: what is nature? what is environment? and how do people and their settlements fit into each? It then examines distinct disciplinary approaches in which scholarship can and does (and does not) inform others. Assignments introduce methodologies of environmental studies, requiring reading landscapes, working with census data and government reports, critically interpreting scientific data, and analyzing work of experts.
(Simpson, Stroud, Division I: Social Science)
Cross-listed as SOCL B175

CITY B180 Introduction to Urban Planning
Lecture and technical class that considers broad issues of global planning as well as the skills and strategies necessary to the field. This may also be linked to the study of specific issues of planning such as waterfront development or sustainability.
(Staff, Division I: Social Science)
Not offered in 2010-11.

CITY B185 Urban Culture and Society
Examines techniques and questions of the social sciences as tools for studying historical and contemporary cities. Topics include political-economic organization, conflict and social differentiation (class, ethnicity and gender), and cultural production and representation. Philadelphia features prominently in discussion, reading and exploration as do global metropolitan comparisons through papers involving fieldwork, critical reading and planning/problem solving using qualitative and quantitative methods.
(Arbona, McDonogh, Division I: Social Science)
Cross-listed as ANTH B185

CITY B190 The Form of the City: Urban Form from Antiquity to the Present
This course studies the city as a three-dimensional artifact. A variety of factors—geography, economic and population structure, politics, planning, and aesthetics—are considered as determinants of urban form.
(Cohen, Steffensen, Division III: Humanities)
Cross-listed as ANTH B190
Cross-listed as HART B190

CITY B203 Ancient Greek Cities and Sanctuaries
(Wright, Division III: Humanities)
Cross-listed as ARCH B203
Not offered in 2010-11.

CITY B206 Statistical Methods in Economics
(Stahnke, Vartanian, Quantitative Skills)
Cross-listed as ECON B203
Not offered in 2010-11.

CITY B207 Topics in Urban Studies: Writing Architecture
An intensive writing course for mid-level students where we explore how we understand and write about architecture and architectural history, including the analysis of visual materials in texts and in real sites.
(Cohen, Division III: Humanities)

CITY B209 Medical Anthropology
(Pashigian, Division I: Social Science)
Cross-listed as ANTH B210
Not offered in 2010-11.

CITY B210 Natural Hazards
(Weil, Division II and Quantitative Skills)
Cross-listed as GEOL B209
Not offered in 2010-11.

CITY B212 Medieval Architecture
(Kinney, Division III: Humanities)
Cross-listed as HART B212
Not offered in 2010-11.

CITY B213 Taming the Modern Corporation
(Ross, Alger, Division I: Social Science)
Cross-listed as ECON B213
Not offered in 2010-11.

CITY B214 Public Finance
(Weinberg, Division I: Social Science)
Cross-listed as ECON B214

CITY B215 Urban Economics
(Stahnke, Division I: Social Science)
Cross-listed as ECON B215
CITY B217 Research Methods and Theories
This course will provide the student with the basic skills to design and implement a research project. The emphasis will be on the process (and choices) of constructing a research project and on “learning by doing.” The course will encompass both quantitative and qualitative techniques and will examine the strengths and weaknesses of each strategy. By the end of the semester students will have learned the basics for planning and executing research on a topic of their choice.
(Arbona, Division I: Social Science)

CITY B218 Globalization and the City
This course introduces students to contemporary issues related to the urban built environment in Africa, Asia and Latin America (collectively referred to as the Third World or developing countries) and the implications of recent political and economic changes.
(Arbona, Division I: Social Science)
Not offered in 2010-11.

CITY B222 Introduction to Environmental Issues: Policy-Making in Comparative Perspective
(Hager, Division I: Social Science)
Cross-listed as POLS B222
Not offered in 2010-11.

CITY B225 Economic Development
(Rock, Division I: Social Science)
Cross-listed as ECON B225

CITY B226 Introduction to Architectural Design
This studio design course introduces the principles of architectural design. Prerequisites: drawing, some history of architecture, and permission of instructor.
(Olshin, Voith, Division III: Humanities)

CITY B227 Topics in Modern Planning
This course examines topics in planning as defined by specific areas (modern European metropoles) or themes (the impact of oil). It is a writing intensive course.
(Hein, Division III: Humanities)
Cross-listed as HART B227
Not offered in 2010-11.

CITY B228 Problems in Architectural Design
Advanced Architecture and Urban Design
A continuation of CITY 226 at a more advanced level. Prerequisites: CITY 226 or other comparable design work and permission of instructor.
(Olshin, Voith, Division III: Humanities)

CITY B299 Comparative Urbanism Divided Cities: Race, Class, Gender, and Other Divisions
This class builds upon foundations in urban social sciences and visual methods through the systematic comparative examination of four major global cities—Hong Kong, Paris, São Paulo, and Los Angeles—as arenas in which social and cultural divisions are lived, challenged, and recreated. By limiting ourselves to a few cases studied in depth through multiple drafts of a comparative research problem we can explore theoretical and methodological issues raised by divisions that structure everyday life, rights, space, and opportunities. This also allows us to link data and methods to theory, with special reference to critical theories on race, class, gender and identity. Limited to 25 with preference to Cities majors.
(McDonogh, Division I: Social Science)
Cross-listed as ANTH B229
Cross-listed as EAST B229
Cross-listed as SOCL B230

CITY B234 Environmental Economics
(Ross, Division I: Social Science)
Cross-listed as ECON B234

CITY B237 Themes in Modern African History: Urbanization in Africa
(Ngalamulume, Division I: Social Science)
Cross-listed as HIST B237
Not offered in 2010-11.

CITY B238 The Economics of Globalization
(Ceglowski, Division I: Social Science)
Cross-listed as ECON B236
Not offered in 2010-11.

CITY B242 Urban Field Research Methods
(Takenaka, Division I: Social Science)
Cross-listed as SOCL B242

CITY B244 Great Empires of the Ancient Near East
(Atac, Division III: Humanities)
Cross-listed as ARCH B244
Cross-listed as HIST B244
Cross-listed as POLS B244
Not offered in 2010-11.

CITY B247 Topics in German Cultural Studies
(Kenosian, Division I or Division III)
Cross-listed as GERM B223
Cross-listed as HIST B247
Not offered in 2010-11.
CITY B248 Modern Middle East Cities
(Harrold, Division I: Social Science)
Cross-listed as POLS B248
Cross-listed as HEBR B248
Not offered in 2010-11.

CITY B249 Asian American Communities
(Takenaka, Division I: Social Science)
Cross-listed as ANTH B249
Cross-listed as SOCL B249

CITY B250 Twentieth Century U.S. Urban History: Philadelphia Architecture
This course explores the recent history of U.S. cities as both physical spaces and social entities. How have the definitions, political roles, and social perceptions of U.S. cities changed since 1900? And how have those shifts, along with changes in transportation, communication, construction, and other technologies affected both the people and places that comprise U.S. cities? In 2010-2011, the class will use the built environment of Philadelphia to tackle these issues.
(Cohen, Division III: Humanities)
Cross-listed as HIST B251

CITY B251 La Mosaïque France
(Cherel, Division III: Humanities)
Cross-listed as FREN B251
Not offered in 2010-11.

CITY B253 Survey of Western Architecture
(Cast, Division III: Humanities)
Cross-listed as HART B253
Cross-listed as HIST B253
Not offered in 2010-11.

CITY B254 History of Modern Architecture
A survey of the development of modern architecture since the 18th century. The course concentrates on the period since 1890, especially in Europe and North America.
(Steffensen, Division III: Humanities)
Cross-listed as HART B254

CITY B255 Survey of American Architecture
An examination of landmarks, patterns, landscapes, designers, and motives in the creation of the American built environment over four centuries. The course will address the master narrative of the traditional survey course, while also probing the relation of this canon to the wider realms of building in the United States.
(Steffensen, Division III: Humanities)
Cross-listed as HART B255

CITY B258 L’Espace réinventé
(Staff, Division III: Humanities)
Cross-listed as FREN B258
Not offered in 2010-11.

CITY B260 Show and Spectacle in Ancient Greece and Rome
(Baertschi, Scott, Wright, Division III: Humanities)
Cross-listed as CSTS B255
Cross-listed as ARCH B255
Cross-listed as HIST B255
Not offered in 2010-11.

CITY B266 Schools in American Cities
(Jody Cohen, Division I: Social Science)
Cross-listed as EDUC B266
Cross-listed as SOCL B266

CITY B267 Philadelphia, 1682 to Present
(Shore, Division I or Division III)
Cross-listed as HIST B267
Not offered in 2010-11.

CITY B276 Philadelphia Mural Arts History, Activism, Design
Philadelphia is home to 3,000 murals. Students will explore this exciting movement in civic activism and the arts, leading the design and execution of a legacy mural project celebrating Bryn Mawr’s 125th. Students will gain experience with community organizing for this project, in Philadelphia as well as on campus.
(Jody Cohen, Jane Golden, Shira Walinsky)

CITY B278 American Environmental History
This course explores major themes of American environmental history, examining changes in the American landscape, development of ideas about nature and the history of environmental activism. Students will study definitions of nature, environment, and environmental history while investigating interactions between Americans and their physical worlds.
(Steadman, Division I: Social Science)
Cross-listed as HART B278

CITY B286 Themes in British Empire
(Kale, Division I or Division III)
Cross-listed as HIST B286
Cross-listed as POLS B286
Not offered in 2010-11.

CITY B287 Urbanism as a Way of Life
(Simpson, Division I: Social Science)
Cross-listed as HART B287
Not offered in 2010-11.
CITY B293 Topics in Film, Television, and Media
An examination of approaches and topics in international media, using social science, historical and humanistic techniques. In 2010, the class will focus on “Fragmented Cities” dealing with issues of gender, ethnicity and identity in U.S., Latino and Latin American media.
(Nasser, Division III: Humanities)
Cross-listed as HART 293

CITY B299 Cultural Diversity and Its Representations
(Seyhan, Division I or Division III)
Cross-listed as GERM B299
Cross-listed as COML B299
Not offered in 2010-11.

CITY B301 Topics in Modern Architecture: Cars and the City
This course will examine the role of the automobile in the development of architecture and urbanism in the twentieth century. From the invention of the horseless carriage to Henry Ford’s development of the assembly line, to the postwar explosion of car production and ownership, we will trace the technological development of the automobile. We will also examine the interaction between the automobile and the single-family residence; the growth of cities and suburbs in relation to the automobile; and how the automobile plays a defining role in shaping the spaces of modern life.
(Steffensen, Division I or III)

CITY B305 Ancient Athens
(Lindenlauf)
Cross-listed as ARCH B305
Not offered in 2010-11.

CITY B306 Advanced Fieldwork Techniques: Places in Time
A workshop for research into the histories of places, intended to bring students into contact with some of the raw materials of architectural and urban history. A focus will be placed on historical images and texts, and on creating engaging informational experiences that are transparent to their evidentiary basis.
(Cohen, Division I or Division III)

CITY B308 Topics in Photography
(Staff Division III: Humanities)
Cross-listed as HART B308
Not offered in 2010-11.

CITY B319 Advanced Topics in German Cultural Studies
(Meyer, Kenosian, Division III: Humanities)
Cross-listed as GERM B321
Cross-listed as COML B321
Cross-listed as HART B348
Not offered in 2010-11.

CITY B321 Technology and Politics
(Hager Division I: Social Sciences)
Cross-listed as POLS B321
Not offered in 2010-11.

CITY B322 Topics in German Literature
(Kenosian, Division III: Humanities)
Cross-listed as GERM B310
Not offered in 2010-11.

CITY B323 Topics in Renaissance Art
(Cast, Division III: Humanities)
Not offered in 2010-11.

CITY B325 Topics in Social History: The Body
This topics class explores major themes in American social history. This year, the class will focus on the history of the American body, investigating the ways in which both living and dead human bodies have shaped and been shaped by American culture, landscapes, and institutions.
(Stroud, Division III: Humanities)
Cross-listed as HIST B325

CITY B328 Analysis of Geospatial Data Using GIS
An introduction to analysis of geospatial data, theory, and the practice of geospatial reasoning. As part of this introduction students will gain experience in using one or more GIS software packages and be introduced to data gathering in the field by remote sensing. Each student is expected to undertake an independent project that uses the approaches and tools presented.
(Consiglio)
Cross-listed as GEOL B328
Cross-listed as ARCH B328
Cross-listed as BIOL B328

CITY B330 Comparative Economic Sociology
(Osirim Division I: Social Sciences)
Cross-listed as SOCL B330
Not offered in 2010-11.

CITY B331 Palladio and Neo-Palladianism
(Cast Division III: Humanities)
Cross-listed as HART B331
Not offered in 2010-11.
CITY B335 Mass Media and the City
Maps and murals, newspapers and graffiti, theater and internet—how do they pattern how we imagine cities, dwell in them, or battle for our places within them? This seminar entails a critical examination of the crucial nexus of cities, modernities and media, drawing on theoretical models from linguistics, communication, film and cultural studies, and Marxist analysis while exploring case materials from the Americas, Asia, Africa, and Europe. Students will be expected to critique models and cases while anchoring their own research in a portfolio about a single city. Limited to 15; For advanced students with preference to Cities majors.
(McDonogh, Division I: Social Science)
Cross-listed as ANTH B335

CITY B338 The New African Diaspora: African and Caribbean Immigrants in the United States
(Osirim, Division I: Social Science)
Cross-listed as SOCL B338
Not offered in 2010-11.

CITY B345 Advanced Topics in Environment and Society: Environmental Justice
This topics class explores major themes of American environmental history, examining changes in the American landscape, the development of ideas about nature, and the history of environmental politics. This year, the class will focus on questions of environmental equity and environmental justice.
(Stroud, Division I: Social Science)
Cross-listed as SOCL B346

CITY B348 Culture and Ethnic Conflict
(Ross)
Cross-listed as POLS B348
Not offered in 2010-11.

CITY B355 Topics in the History of London
(Cast, Division I or Division III)
Cross-listed as HART B355
Not offered in 2010-11.

CITY B360 Topics in Urban Culture and Society: Cities, Nature and Identities in Brazil
With a population nearing 200,000,000 Brazil is the fifth largest nation by both size and population in the world. In five hundred years of history and culture, moreover, it also has become an arena for profound ecological transformation, intense social debate over race, class, and culture, and exciting proposals for the transformation of cities and society. This class entails an overview of the negotiation of cities, citizenship, and ecology, from the tensions of Amazonia and coastal settlement to colonial structures of natural and human exploitation through the development of imperial and post-imperial society. It pays particular attention to Brazilian imaginations.
(McDonogh, Division I or Division III)
Cross-listed as ANTH B359
Cross-listed as HART B359

CITY B377 Topics in Modern Architecture: The Architecture of Art Museums
This course begins with the European origins of the art museum in palaces and private residences, and follows the development of the art museum as an institution both in Europe and the United States, as well as the architecture that emerged to answer the needs of this burgeoning institution. Given the cultural preeminence of the art museum, the response of architects to the challenge of designing these emblematic institutions was to push boundaries, make statements, and develop ambitious plans that were often extreme in terms of size, design, and technological developments.
(Steffensen, Division III: Humanities)
Cross-listed as HART B377
Not offered in 2010-11.

CITY B378 Formative Landscapes: The Architecture and Planning of American Collegiate Campuses
An exploration of the architecture, planning, and visual rhetoric of American collegiate campuses from their early history to the present. Historical consideration of architectural trends and projected imageries will be complemented by student exercises involving documentary research on design genesis, typological contexts, and critical reception.
(Cohen, Division III: Humanities)
Not offered in 2010-11.

CITY B398 Senior Seminar
An intensive research seminar designed to guide students in writing a senior thesis.
(Arbona, Cohen, McDonogh, Stroud)

CITY B403 Independent Study
(Arbona, Cohen, McDonogh, Stroud)

CITY B415 Teaching Assistant
An exploration of course planning, pedagogy and creative thinking as students work to help others understand pathways they have already explored in introductory and writing classes. This opportunity is available only to advanced students of highest standing by professors’ invitation.
(Arbona, Cohen, McDonogh, Stroud)
CITY B425 Cities: Praxis Independent Study

A collective opportunity for students to come together on the basis of engagement in praxis in the greater Philadelphia area; internships generally must be arranged prior to registration for the semester in which the internship is taken. Limited to five students per semester by permission of the instructor.
(Staff)

CITY B450 Urban Internships/Praxis

Individual opportunities to engage in praxis in the greater Philadelphia area; internships must be arranged prior to registration for the semester in which the internship is taken. Prerequisite: permission of instructor.
(Staff)

Hebrew and Judaic Studies

Faculty

Amiram Amitai, Lecturer
Grace Morgan Armstrong, Professor and Coordinator of Middle Eastern Languages (on leave semester II)
Deborah Harrold, Lecturer and Coordinator of Middle Eastern Studies
Tamara Neuman, Visiting Assistant Professor

Modern Hebrew language instruction is available at Bryn Mawr through the intermediate level; at Swarthmore College biblical Hebrew is offered in a two-semester sequence through the first-year level, and additional reading in Classical Jewish texts is available in directed reading, one-half-credit courses. At Haverford, Judaic Studies courses are offered by the Department of Religion. Bryn Mawr also offers several courses which complement Haverford’s offerings in Judaic Studies. All of these courses are listed in the Tri-Co Course Guide under the heading “Hebrew and Judaic Studies.”

HEBR B001 Elementary Hebrew

This is a year-long course. This course prepares students for reading classical religious texts as well as modern literary work. It covers grammar, composition, and conversation with primary emphasis on fluency in reading as well as the development of basic conversational skills.
(Amitai, Language Level 1)
Not offered in 2010-11.

HEBR B002 Elementary Hebrew

This is a year-long course. This course prepares students for reading classical religious texts as well as modern literary work. It covers grammar, composition, and conversation with primary emphasis on fluency in reading as well as the development of basic conversational skills.
(Amitai, Language Level 1)
Not offered in 2010-11.

HEBR B101 Intermediate Hebrew

The course is designed for students who took the Elementary Hebrew course in Bryn Mawr or its equivalents in other institutions, assuming basic fluency in reading, writing, grammar, syntax, and conversation in Hebrew. It expands the knowledge of the above, while emphasizing reading, writing, and class discussions of modern literary works as well as some classical religious texts. It integrates textbooks’ material with Hebrew videos and films, short stories and songs. Students who feel qualified to take this course, but have not taken Elementary
Hebrew at Bryn Mawr, are encouraged to discuss it with the instructor. This is a year-long course.
(Amitai, Language Level 2)

HEBR B102 Intermediate Hebrew

The course is designed for students who took the Elementary Hebrew course in Bryn Mawr or its equivalents in other institutions, assuming basic fluency in reading, writing, grammar, syntax, and conversation in Hebrew. It expands the knowledge of the above, while emphasizing reading, writing, and class discussions of modern literary works as well as some classical religious texts. It integrates textbooks’ material with Hebrew videos and films, short stories and songs. Students who feel qualified to take this course, but have not taken Elementary Hebrew at Bryn Mawr, are encouraged to discuss it with the instructor. This is a year-long course.
(Amitai, Language Level 2)

HEBR B110 Israeli Cinema

The course traces the evolution of the Israeli cinema from ideologically charged visual medium to a universally recognized film art, as well as the emergent Palestinian cinema and the new wave of Israeli documentaries. It will focus on the historical, ideological, political, and cultural changes in Israeli and Palestinian societies and their impact on films’ form and content.
(Amitai, Division III: Humanities)

HEBR B 211 Primo Levi: The Holocaust and its Aftermath

(Patruno, Division III: Humanities)

HEBR B248 Modern Middle East Cities

(Harrold, Division I: Social Science)
Cross-listed as POLS B248
Cross-listed as CITY B248
Not offered in 2010-11.

HEBR B261 Palestine and Israeli Society

(Neuman, Division I: Social Science)
Cross-listed as ANTH B261
Cross-listed as HIST B261
Not offered in 2010-11.

HEBR B283 Introduction to the Politics of the Modern Middle East and North Africa

(Harrold, Division I: Social Science)
Cross-listed as POLS B283
Cross-listed as HIST B283
Not offered in 2010-11.

HEBR B310 Topics in German Literature: Leaps of Faith: Religion in German Literature and Culture

(Meyer, Division III: Humanities)
Cross-listed as GERM B310

HEBR B342 Middle Eastern Diasporas

(Neuman, Division I: Social Science)
Cross-listed as ANTH B342
Cross-listed as GNST B342
Not offered in 2010-11.

HEBR B380 Topics in Contemporary Art

(Saltzman, Division III: Humanities)
Cross-listed as HART B380
Cross-listed as GERM B380
Not offered in 2010-11.

HEBR B403 Supervised Work in Intermediate Hebrew

(Amitai)

From year to year, additional course listings in the departments of Foreign Languages, History, and History of Art may also be appropriate for credit in this program.
History

Students may complete a major or minor in History.

Faculty
Jane Dammen McAuliffe, President of the College and Professor of History
Ignacio Gallup-Diaz, Associate Professor
Madhavi Kale, Professor
Kalala Ngalamulume, Associate Professor and Chair
Elliott Shore, Chief Information Officer and Professor
Jennifer L. Spohrer, Assistant Professor
Elly Rachel Truitt, Assistant Professor (on leave semesters I and II)
Sharon R. Ullman, Professor

A primary aim of the Department of History is to deepen students’ sense of time as a factor in cultural diversity and change. Our program of study offers students the opportunity to experience the past through attention to long-range questions and comparative history.

The department’s 100-level courses, centered upon specific topics within the instructor’s field of expertise, introduce students to a wide array of subjects and themes, while at the same time exploring how historians devise narratives and provide analysis through the study of primary sources. In the 200-level courses, the department offers students the opportunity to pursue interests in specific cultures, regions, policies, or societies, and enables them to experience a broad array of approaches to history.

The department’s 300-level courses build on students’ knowledge gained in 200-level classes, and provide opportunities to explore topics at greater depth in a seminar setting.

Major Requirements
Eleven courses are required for the History major, and three—one 100-level course, Exploring History (HIST 395), and the Senior Thesis (HIST 398)—must be taken at Bryn Mawr. In Senior Thesis (HIST 398), the student selects a topic of her choice, researches it, and writes a thesis.

The remaining eight history courses may range across fields or concentrate within them, depending on how a major’s interests develop. Of these, at least two must be seminars at the 300 level offered by the Departments of History at Bryn Mawr, Haverford or Swarthmore Colleges or the University of Pennsylvania. (It is strongly recommended that at least one of these advanced courses be taken with Bryn Mawr history faculty, as it is with one of them that majors will work on their senior thesis.)

Only two 100-level courses may be counted toward the major. Credit toward the major is not given for either the Advanced Placement examination or the International Baccalaureate.

Honors
Majors with cumulative GPAs of at least 3.0 (general) and 3.5 (history) at the end of their senior year, and who achieve a grade of at least 3.7 on their senior thesis, qualify for departmental honors.

Minor Requirements
The requirement for the minor is six courses, at least four of which must be taken in the Bryn Mawr Department of History, and include one 100-level course, at least one 300-level course within the department, and two additional history courses within the department.

HIST B101 The Historical Imagination
Explores some of the ways people have thought about, represented, and used the past across time and space. Introduces students to modern historical practices and debates through examination and discussion of texts and archives that range from scholarly monographs and documents to monuments, oral traditions, and other media.
(Kale, Division I or Division III)

HIST B102 Introduction to African Civilizations
The course introduces students to African societies, cultures, and political economies in historical perspective, with emphasis on change and responses among African people living in Africa and outside. Counts toward Africana Studies.
(Ngalamulume, Division I: Social Science)

HIST B118 Comparative Media Revolutions
A comparison of technology and “media revolutions” and social change through exploring the historiography of the printing press, radio and the internet. What historical explanations are given for the development of these technologies? What kind of agency is ascribed to them? Are media inherently revolutionary, or can they be tools for stabilization and consolidation as well?
(Spohrer, Division I or Division III)
Not offered in 2010-11.

HIST B125 The Discovery of Europe
This course is designed to introduce students to the discipline of history through a critical, historical examination of the idea of Europe. When and why have Europeans
thought of themselves as such? How have the boundaries of Europe been drawn? Does Europe really exist? (Spohrer, Division III: Humanities)
Not offered in 2010-11.

HIST B127 Indigenous Leaders 1452-1750
Studies the experiences of indigenous men and women who exercised local authority in the systems established by European colonizers. In return for places in the colonial administrations, these leaders performed a range of tasks. At the same time they served as imperial officials, they exercised “traditional” forms of authority within their communities, often free of European presence. These figures provide a lens through which early modern colonialism is studied. Counts towards Latin American, Latino, and Iberian Peoples and Cultures and Peace and Conflict Studies. (Gallup-Diaz, Division I or Division III)
Not offered in 2010-11.

HIST B128 Crusade, Conversion and Conquest
A thematic focus course exploring the nature of Christian religious expansion and conflict in the medieval period. Based around primary sources with some background readings, topics include: early medieval Christianity and conversion; the Crusades and development of the doctrines of “just war” and “holy war”; the rise of military order such as the Templars and the Teutonic Kings; and later medieval attempts to convert and colonize Eastern Europe. (Truitt, Division I or Division III)
Not offered in 2010-11.

HIST B131 Chinese Civilization
(Jiang, Division I or Division III)
Cross-listed as EAST B131

HIST B156 The Long 1960’s
The 1960s has had a powerful effect on recent US History. But what was it exactly? How long did it last? And what do we really mean when we say “The Sixties?” Focusing primarily on primary sources, this 100-level seminar will take a close look at what “the Sixties” is (and what it isn’t) and try to assess its long term impact on American society. (Ullman, Division I or Division III)

HIST B200 The Atlantic World 1492-1800: Indians, Europeans and Africans
The aim of this course is to provide an understanding of the way in which peoples, goods, and ideas from Africa, Europe, and the Americas came together to form an interconnected Atlantic World system. The course is designed to chart the manner in which an integrated system was created in the Americas in the early modern period, rather than to treat the history of the Atlantic World as nothing more than an expanded version of North American, Caribbean, or Latin American history. Counts towards Africana Studies, Latin American, Latino, and Iberian Peoples and Cultures and Peace and Conflict Studies. (Gallup-Diaz, Division I or Division III)
Cross-listed as ANTH B200,

HIST B201 American History: Settlement to Civil War
This course begins at the moment when this part of the world was a colonial playground for various competing world powers. We will look at the relationship between those powers and the native populations, continue on to the development of the political entity known as the United States and conclude at the moment when that political unit collapses in 1860. (Ullman, Division I or Division III)
Not offered in 2010-11.

HIST B202 American History: Civil War to Present
This semester begins at the collapse of the young United States in Civil War and the subsequent rebuilding of a new country. We will look at the developing industrial and international power that will emerge in the late 19th and 20th century. The course emphasizes social history as well as political developments, and looks at the powerful impact of race, class, and gender on the production of a distinctly “American” ideology. (Ullman, Division I or Division III)
Not offered in 2010-11.

HIST B205 Greek History
(Edmonds, Division III: Humanities)
Cross-listed as CSTS B205
Not offered in 2010-11.

HIST B206 Society, Medicine, and Law in Ancient Greece
(Staff, Division I or Division III)
Cross-listed as CSTS B206
Not offered in 2010-11.

HIST B207 Early Rome and the Early Republic
(Scott, Division III: Humanities)
Cross-listed as CSTS B207

HIST B208 The Roman Empire
(Scott, Division I or Division III)
Cross-listed as CSTS B208
Not offered in 2010-11.

HIST B210 Topics in Chinese Culture and History
(Staff, Division III: Humanities)
Cross-listed as EAST B210
Not offered in 2010-11.
HIST B212 Pirates, Travelers, and Natural Historians: 1492-1750

In the early modern period, conquistadors, missionaries, travelers, pirates, and natural historians wrote interesting texts in which they tried to integrate the New World into their existing frameworks of knowledge. This intellectual endeavor was an adjunct to the physical conquest of American space, and provides a framework through which we will explore the processes of imperial competition, state formation, and indigenous and African resistance to colonialism. (Gallup-Diaz)
Not offered in 2010-11.

HIST B216 Post Communist Transitions in Eastern Europe

(Hyankova, Division I: Social Science)
Cross-listed as ANTH B226
Not offered in 2010-11.

HIST B220 Topics in Modern Chinese Literature

(Lin, Division III: Humanities)
Cross-listed as EAST B225
Cross-listed as HART B225
Not offered in 2010-11.

HIST B223 The Early Medieval World

The first of a two-course sequence introducing medieval European history. The chronological span of this course is from the early 4th century and the Christianization of the Roman Empire to the early 10th century and the disintegration of the Carolingian Empire. (Truitt, Division I or Division III)
Cross-listed as CSTS B223
Not offered in 2010-11.

HIST B224 High Middle Ages

This course will cover the second half of the European Middle Ages, often called the High and Late Middle Ages, from roughly 1000-1400. The course has a general chronological framework, and is based on important themes of medieval history. These include feudalism and the feudal economy; the social transformation of the millennium; monastic reform; the rise of the papacy; trade, exchange, and exploration; urbanism and the growth of towns. (Truitt, Division I or Division III)
Cross-listed as CSTS B224
Not offered in 2010-11.

HIST B225 Europe in the 19th Century: Industry, Empire, and Globalization

Industry, Empire, and Globalization

The 19th century was a period of intense change in Europe. Some of the questions this class considers are: the relationship between empire, plantation-style agriculture and industrialization; the development of transportation and communication networks; multinational companies, a mass press, film, and tourism as early markers of globalization. (Spohrer, Division III: Humanities)

HIST B226 Europe in the 20th Century: United in Diversity

In 2000, the European Union adopted “United in Diversity” as its motto. In this course we will look at the social, demographic, material, economic, and political forces that united and divided Europe in the 20th century, such as war, migration, mass production, mass media, and decolonization. We will also look at the policies of unity, division, homogenization, and diversity that Europeans pursued in an attempt to manage these forces. (Spohrer, Division I or Division III)
Not offered in 2010-11.

HIST B229 Europe 1914-45: Challenge of the Masses

In the early 20th century, elite and middle-class Europeans felt their culture and way of life were threatened by a growing “massification” of society. Modern warfare and economic crises demanded the mobilization of entire societies, while mass production, marketing and consumption, mass media, and expanding suffrage poised to undermine their society. This drive to develop political institutions, ideologies, and strategies suited to a new mass age was informed by theories of psychology and mass society. (Spohrer, Division I or Division III)

HIST B230 Europe since 1945

What are the legacies of Europe’s troubled past? How do they affect Europe and Europeans today? This overview looks at the devastation and fragmentation of the post-war period; the social and political implication of the growth of the 1950’s and 1960’s; the stagnation, turmoil and uncertainty of the 1970’s and 1980’s; and the promised and tensions renewed by the integration movements since the 1990’s. (Spohrer, Division I or Division III)
Not offered in 2010-11.

HIST B231 Medicine, Magic and Miracles in the Middle Ages

An exploration of the history of health and disease, healing and medical practice in the medieval period, emphasizing Dar as-Islam and the Latin Christian West. Using
methods from intellectual cultural and social history, themes include: theories of health and disease; varieties of medical practice; rationalities of various practices; views of the body and disease; medical practitioners. No previous course work in medieval history is required. (Truitt, Division I or Division III)

HIST B235 West African History

The course explores the formation and development of African societies, with a special focus on the key processes of hominisation, agricultural revolution, metalworking, the formation of states, the connection of West Africa to the world economy, and the impact of European colonial rule on African societies in the 19th and 20th centuries. Counts toward Africana Studies. (Ngalamulume, Division I or Division III) Not offered in 2010-11.

HIST B236 African History: Africa Since 1800

The course analyzes the history of Africa in the last two hundred years in the context of global political economy. We will examine the major themes in modern African history, including the 19th-century state formation, expansion, or restructuring; partition and resistance; colonial rule; economic, social, political, religious, and cultural developments; nationalism; post-independence politics, economics, and society, as well as conflicts and the burden of disease. The course will also introduce students to the sources and methods of African history. (Ngalamulume, Division I: Social Science) Not offered in 2010-11.

HIST B237 Themes in Modern African History: Urbanization in Africa

The course examines the cultural, environmental, economic, political, and social factors that contributed to the expansion and transformation of preindustrial cities, colonial cities, and cities today. We will examine various themes, such as the relationship between cities and societies; migration and social change; urban space, health problems, city life, and women. Counts toward Africana Studies and Environmental Studies. (Ngalamulume, Division I: Social Science) Cross-listed as CITY B237 Not offered in 2010-11.

HIST B240 Modern Middle East Cities

(Atac, Division III: Humanities) Cross-listed as ARCH B244 Cross-listed as CITY B244 Cross-listed as POLS B244 Not offered in 2010-11.

HIST B242 American Politics and Society: 1940 to the Present

This course looks at the amazing transformation of America in the years 1940 to today. From a country devastated by economic crisis and wedded to isolationism prior to WW II, America became an unchallenged international powerhouse. Massive grass roots resistance forced the United States to abandon racial apartheid, open opportunities to women, and reinvent its very definition as it incorporated immigrants from around the globe. In the same period, American music and film broke free from their staid moorings and permanently altered global culture. We will explore the political, social, and cultural factors that created modern American history. (Ullman, Division I or Division III)

HIST B243 Atlantic Cultures: Maroon Societies

The course explores the process of self-emancipation by slaves in the early modern Atlantic World. What was the nature of the communities that free blacks forged? What were their relationships to the empires from which they had freed themselves? How was race constructed in the early modern period? Did conceptions of race change over time? Through readings and discussion we will investigate the establishment of autonomous African settlements and cultures throughout the Americas, and examine the nature of local autonomy within a strife-torn world of contending empires and nation-states. Counts toward Africana Studies. (Gallup-Diaz, Division I or Division III)

HIST B244 Great Empires of the Ancient Near East

(Atac, Division III: Humanities) Cross-listed as ARCH B244 Cross-listed as CITY B244 Cross-listed as POLS B244 Not offered in 2010-11.

HIST B251 20th Century US Urban History

(Stroud, Division I or Division III) Cross-listed as CITY B250 Not offered in 2010-11.

HIST B258 British Empire: Imagining Indias

This course considers ideas about and experiences of “modern” India, i.e., India during the colonial and post-Independence periods (roughly 1757-present). While “India” and “Indian history” along with “British empire” and “British history” will be the ostensible objects of our consideration and discussions, the course proposes that their imagination and meanings are continually mediated by a wide variety of institutions, agents, and analytical categories (nation, religion, class, race, gender, to name
HIST B259 Ethnic Minorities in Europe

(Hyankova, Division I: Social Science)
Cross-listed as ANTH B259
Not offered in 2010-11.

HIST B260 Human Rights in China

(Jiang, Division I: Social Science)
Cross-listed as EAST B264
Not offered in 2010-11.

HIST B261 Palestine and Israeli Society

(Seeman, Division I: Social Science)
Cross-listed as ANTH B261
Cross-listed as GNST B261
Cross-listed as HEBR B261
Not offered in 2010-11.

HIST B262 The Chinese Revolution

(Jiang, Division I: Social Science)
Cross-listed as EAST B263
Not offered in 2010-11.

HIST B263 Impact of Empire: Britain 1858-1960

Is empire (on the British variant of which, in its heyday, the sun reportedly never set) securely superseded (as some have confidently asserted) or does it endure and, if so, in what forms and domains? Focusing on the expanding British colonial empire from the 17th century on, this course considers its impact through the dynamics of specific commodities’ production, and consumption (sugar and tea, for example, but also labor and governance), their cultures (from plantations and factories to households to the state), and their disciplinary technologies (including domesticity, the nation, and discourses on history and modernity). (Kale, Division III: Humanities)
Not offered in 2010-11.

HIST B264 Passages from India: 1800-Present

This course explores the histories and effects of migration from the Indian subcontinent to far-flung destinations across the globe. It starts with the circular migrations of traders, merchants, and pilgrims in the medieval period from the Indian subcontinent to points east (in southeast Asia) and west (eastern Africa). However, the focus of the course is on modern migrations from the subcontinent, from the indentured labor migrations of the British colonial period (to Africa, the Caribbean, and the South Pacific) to the post-Independence emigrations from the new nations of the subcontinent to Britain, Australia, New Zealand, Canada, and the United States. (Kale, Division I or Division III)

HIST B266 History of Philadelphia: 1682 to Present

This course will focus on the intersection of the sense of Philadelphia as it is popularly understood and the Philadelphia that we can reconstruct individually and together using scholarly books and articles, documentary and popular films and novels, visual evidence, and visits to the chief repositories of the city’s history. We will analyze the relationship between the official representations of Philadelphia and their sources and we will create our own history of the city. Preference given to junior and senior Growth and Structure of Cities and History majors, and those students who were previously lotteried out of the course. (Shore, Division I: Social Science)
Cross-listed as CITY B267
Not offered in 2010-11.

HIST B271 Medieval Islamic Society and Politics

Examines the rise and fall of Islamic empires, focusing on political, social and religious movements within the Islamic world from the early conquests until the early Ottoman state. Considers the role of geography in history, state formation and consolidation; the change from tribal societies into settled empires; the place of the medieval Islamic world in a global context; and the social and sectarian divisions that caused political turmoil. (Truitt, Division I or Division III)
Not offered in 2010-11.

HIST B276 Islam in Europe

(Hyankova, Division I: Social Science)
Cross-listed as ANTH B276
Not offered in 2010-11.

HIST B278 American Environmental History

(Stroud, Division I: Social Science)
Cross-listed as CITY B278
Not offered in 2010-11.

HIST B283 Introduction to the Politics of the Modern Middle East and North Africa

(Harrold, Division I: Social Science)
Cross-listed as POLS B283
Cross-listed as HEBR B283
Not offered in 2010-11.

HIST B284 Movies and America

Movies are one of the most important means by which Americans come to know -- or think they know—their
own history. This class examines the complex cultural relationship between film and American historical self fashioning.
(Ullman, Division I or Division III)
Not offered in 2010-11.

HIST B285 Show and Spectacle in Ancient Greece and Rome

(Scott, Wright, Division III: Humanities)
Cross-listed as CSTS B255
Cross-listed as ARCH B255
Cross-listed as CITY B260
Not offered in 2010-11.

HIST B286 Themes in British Empire

This course explores the politics and genealogies on nationalist movements in the Indian subcontinent from the late 19th century through the establishment of sovereign nations from 1947-72, considering the implications and legacies of empire, nationalism and anti-colonialism for the nations and peoples of the subcontinent from independence through the present.
(Kale, Division I or Division III)
Cross-listed as CITY B286
Cross-listed as POLS B286
Not offered in 2010-11.

HIST B287 Immigration in the U.S.

How we understand the history of immigration to the territory now known as the United States has been transformed by recent explorations of the notion of “whiteness.” This course will be framed by the ways in which this powerful lens for interpretation has helped to recast the meaning of ethnicity as we focus on individual immigrant groups and the context in which they both entered and created from the 17th century to the present.
(Shore, Division I or Division III)

HIST B292 Women in Britain since 1750

Focusing on contemporary and historical narratives, this course explores the ongoing production, circulation and refraction of discourses on gender and nation as well as race, empire and modernity since the mid-18th century. Texts will incorporate visual material as well as literary evidence and culture and consider the crystallization of the discipline of history itself.
(Kale, Division III: Humanities)
Not offered in 2010-11.

HIST B303 Topics in American History

Recent topics have included medicine, advertising, and history of sexuality.
(Shore, Ullman Division I or Division III)
Not offered in 2010-11.

HIST B313 Religion in Modern Europe: Enlightenment to Present

Until recently, historians agreed with Nietzsche’s 19th century pronouncement that “God is dead,” viewing post-Enlightenment history as one of increasing secularism. This course re-examines that conclusion, looking both at recent historical research and at primary source documents like the Darwin’s Descent of Man or “l’affaire du foulard” in France. If religion remained important in modern Europe, why is Nietzsche’s verdict so widely accepted? The class has a substantial writing component.
(Spohrer, Division I or Division III)

HIST B318 Topics in Modern European History: Media Revolutions: Print, Radio and Internet

This seminar provides an introduction to the issues raised by the history of technology and media through a comparison of several so-called “media revolutions.” We will look at theories about the relationships between technology and historical change. Then we will explore the historiography of writing, the printing press, radio, and the computer in greater depth. Some of the questions to consider are: What historical explanations is given for the development of these different media technologies? What kind of agency is ascribed to them? Are media inherently revolutionary or can they be tools for stabilization and consolidation of power as well?
(Spohrer, Division I or Division III)

HIST B319 Topics in Modern European History: Consumers, Fashion, and Class: 1800-1950

From the 1700s to the present, Europe underwent a series of sweeping changes in how people used and related to goods: how consumer goods were produced, where they came from, how they were marketed, who could afford them, and who set the standards for fashion and taste. This seminar looks at the social and economic forces behind changes in consumption in this period, and the social anxieties and tensions they produced. Our texts include historical scholarship on European economies, consumer goods and society and treatises, novels, films and texts created by contemporaries in this period. Enrollment limited to 15 students.
(Spohrer, Division I or Division III)

HIST B325: Topics in Social History (Fall 2010): Bryn Mawr: Women’s Higher Education

This course will examine the history of Bryn Mawr College within the contexts of the history of women’s higher education and the history of the US in the 19th century. The course will explore the cultural, social, and political conditions that influenced the founding of the college, while examining how trends in the professionalization of academia affected the college’s structure and curriculum. (Enrollment limit: 15)
(Shore, Division I or Division III)
HIST B325 Topics in Social History (Spring 2011): Radical Movements

Americans have often resisted perceived oppression through radical means. Although commonly erased by history or marginalized in memory as ineffective, in fact radical movements have profoundly transformed the course of American history. This seminar focuses on key radical movements and actors from the ante bellum era through today. Enrollment limit: 15 students.
(Ullman, Division I or Division III)

HIST B326 Topics in Chinese History and Culture: Legal Culture and Chinese History

(Jiang)
Cross-listed as EAST B325

HIST B336 Topics in African History: Social and Cultural History of Medicine

The course will focus on the issues of public health history, social and cultural history of disease as well as the issues of the history of medicine. We will explore various themes, such as the indigenous theories of disease and therapies; disease, imperialism and medicine; medical pluralism in contemporary Africa; the emerging diseases, medical education, women in medicine, and differential access to health care. We will also explore the questions regarding the sources of African history and their quality. Counts toward Africana Studies
(Ngalamulume, Division I: Social Science)

HIST B337 Topics in African History

The course will deal with witchcraft, not as an isolated phenomenon, but in the framework of transformation of West African societies under the pressure of capitalism (both merchant and industrial), colonial rule, westernization, and urbanization. Enrollment limited to 15 students.
(Ngalamulume, Division I or Division III)

HIST B339 The Making of the African Diaspora 1450-1800

The early modern transatlantic slave trade played a key role in several world-historical processes. Taking in an Americas-wide geographic scope, the course explores how the trade operated and changed over time; the contours of culture in the diaspora; slave resistance; and the formation of maroon communities. Enrollment limited to 15 students.
(Gallup-Diaz)
Not offered in 2010-11.

HIST B345 Advanced Topics in Environment and Society

(Hayes-Conroy, Stroud, Division I: Social Science)
Cross-listed as CITY B345
Not offered in 2010-11.

HIST B349 Topics in Comparative History: Before European Hegemony in the Indian Ocean World

This course focuses on the emerging literature on the complex networks of interaction and exchange (financial, commercial, intellectual, familial) that linked and divided peoples, beliefs, cultures and polities in, through, and across the Indian Ocean world. Focusing (but not exclusively) on the period before the establishment of European colonial empires in the region, the course will trace people, dynamics, and processes that seem at once archaic and modern and, in the process, consider in comparative context what is understood at present by “globalization.”
(Kale, Division I or Division III)

HIST B352 China’s Environment

(Jiang, Division I: Social Science)
Cross-listed as EAST B352
Not offered in 2010-11.

HIST B355 Topics in the History of London

(Cast)
Cross-listed as HART B355
Not offered in 2010-11.

HIST B357 Topics in British Empire

Using a wide range of visual and literary sources, this seminar on British empire will explore the politics of race and nation—both “at home” and “away”—in the making of Britain in the 20th century.
(Kale, Division I or Division III)
Not offered in 2010-11.

HIST B364 Magical Mechanisms

A reading and research seminar focused on different examples of artificial life in medieval cultures. Primary sources will be from a variety of genres, and secondary sources will include significant theoretical works in art history, critical theory and science studies. Prerequisite: at least one course in medieval studies, or the permission of the instructor
(Truitt, Division I or Division III)
Cross-listed as CSTS B364
Not offered in 2010-11.

HIST B368 Topics in Medieval History: Dark Arts: Medieval Magic

What is magic? What does it mean to refer to magic as “the occult” or “the Dark Arts”? In medieval Europe, magical knowledge was hotly contested—widely practiced at all social levels, yet often decried as morally and intellectually suspicious. In this seminar we will investigate the definitions and practices of magic and examine what they can reveal about the traditional divides
between high and low culture, as well as between licit and illicit knowledge. Enrollment limited to 15 students.
(Truitt, Division III: Humanities)
Cross-listed as CSTS B368
Not offered in 2010-11.

**HIST B371 Topics in Atlantic History: The Early Modern Pirate in Fact and Fiction**

This course will explore piracy in the Americas in the period 1550-1750. We will investigate the historical reality of pirates and what they did, and the manner in which pirates have entered the popular imagination through fiction and films. Pirates have been depicted as lovable rogues, anti-establishment rebels, and enlightened multiculturalists who were skilled in dealing with the indigenous and African peoples of the Americas. The course will examine the facts and the fictions surrounding these important historical actors.
(Gallup-Diaz)
Not offered in 2010-11.

**HIST B378 Origins of American Constitutionalism**

(Elkins, Division I or Division III)
Cross-listed as POLS B378
Not offered in 2010-11.

**HIST B381 History and Memory**

This course will bring together the latest research findings from the fields of neuroscience, psychology, and neurobiology with the insights into human memory from the fields of literature and art history into a discussion of the implications for the writing of history. Prerequisite: senior standing.
(Shore, Division III: Humanities)
Not offered in 2010-11.

**HIST B382 Religious Fundamentalism in the Global Era**

(Neuman, Division I or III)
Cross-listed as ANTH B382
Cross-listed as POLS B382

**HIST B383 Two Hundred Years of Islamic Reform, Radicalism and Revolution**

(Harrold, Division I: Social Science)
Cross-listed as POLS B383
Not offered in 2010-11.

**HIST B387 Immigration in the United States**

Incorporates the current immigration debate in examining the historical causes and consequences of migration. Addresses the perceived benefit and cost of immigration at the national and local levels. Explores the economic, social, cultural and political impact immigrants have on the United States over time. Close atten-
History of Art

Students may complete a major or minor in History of Art.

Faculty
David J. D. Cast, Professor
Christiane Hertel, Professor
Homay King, Associate Professor
Dale Kinney, Professor (on leave semester I)
Steven Z. Levine, Professor and Chair
Gridley McKim-Smith, Professor
Jaime Javier Nasser, Andrew W. Mellon Foundation Postdoctoral Fellow in the Humanities
Lisa R. Saltzman, Professor
Diala Touré, Lecturer

The curriculum in History of Art immerses students in the study of visual culture. Structured by a set of evolving disciplinary concerns, students learn to interpret the visual through methodologies dedicated to the historical, the material, the critical, and the theoretical. Majors are encouraged to supplement courses taken in the department with history of art courses offered at Haverford, Swarthmore, and the University of Pennsylvania. Majors are also encouraged to study abroad for a semester. Should they choose to do so, they should plan to undertake that work during the spring semester of their junior year.

Major Requirements

The major requires eleven units, approved by the major adviser. A usual sequence of courses would include at least one 100-level "critical approaches" seminar, four 200-level lecture courses, four 300-level seminars, and junior seminar in the fall semester of the junior year and senior conference in the spring semester of senior year. In the course of their departmental studies, students are strongly encouraged to take courses across media and areas, and in at least three of the following fields of study: Ancient and Medieval, Renaissance and Baroque, Modern and Contemporary, Film, and Non-Western.

With the approval of the major adviser, courses in fine arts or with significant curricular investment in visual studies may be counted toward the fulfillment of the distribution requirements. Similarly, courses in art history taken abroad or at another institution in the United States may be counted. Generally, no more than two such courses may be counted toward the major requirements.

A senior paper, based on independent research and using scholarly methods of historical and/or critical interpretation must be submitted at the end of the spring semester. Generally 25-40 pages in length, the senior paper represents the culmination of the departmental experience.

Honors

Seniors whose major average at the beginning of the spring semester is 3.7 or higher will be invited to write an honors thesis instead of the senior paper. Two or three faculty members discuss the completed thesis with the honors candidate in a one-hour oral examination.

Minor Requirements

A minor in history of art requires six units: one or two 100-level courses and four or five others selected in consultation with the major adviser.

HART B100 The Stuff of Art
(Burgmayer, Division II with Lab)
Cross-listed as CHEM B100
Not offered in 2010-11.

HART B104 Critical Approaches to Visual Representation: The Classical Tradition
An investigation of the historical and philosophical ideas of the classical, with particular attention to the Italian Renaissance and the continuance of its formulations throughout the Westernized world.
(Cast, Division III: Humanities)

HART B107 Critical Approaches to Visual Representation: Self and Other in the Arts of France
A study of artists’ self-representations in the context of the philosophy and psychology of their time, with particular attention to issues of political patronage, gender and class, power and desire.
(Levine, Division III: Humanities)

HART B108 Critical Approaches to Visual Representation: Women, Feminism, and History of Art
An investigation of the history of art since the Renaissance organized around the practice of women artists, the representation of women in art, and the visual economy of the gaze.
(Saltzman, Division III: Humanities)

HART B110 Critical Approaches to Visual Representation: Identification in the Cinema
An introduction to the analysis of film through particular attention to the role of the spectator.
(King, Division III: Humanities)
HART B115 Classical Art
(Donohue, Division III: Humanities)
Cross-listed as ARCH B115
Cross-listed as CITY B115
Cross-listed as CSTS B115
Not offered in 2010-11.

HART B125 Classical Myths in Art and in the Sky
(Lindenlauf, Division III: Humanities)
Cross-listed as ARCH B125
Cross-listed as CSTS B125
Not offered in 2010-11.

HART B190 The Form of the City
(Cohen, Hein, Division I or Division III)
Cross-listed as CITY B190
Cross-listed as ANTH B190
Not offered in 2010-11.

HART B204 Greek Sculpture
(Donohue, Division III: Humanities)
Cross-listed as ARCH B205
Not offered in 2010-11.

HART B205 Introduction to Film
(Tratner, Division III: Humanities)
Cross-listed as ENGL B205

HART B206 Hellenistic and Roman Sculpture
(Donohue, Division III: Humanities)
Cross-listed as ARCH B206
Not offered in 2010-11.

HART B210 Medieval Art
An overview of artistic production in Europe antiquity to the 14th century. Special attention will be paid to problems of interpretation and recent developments in art-historical scholarship.
(Staff, Division III: Humanities)
Not offered in 2010-11.

HART B212 Medieval Architecture
Not just Gothic cathedrals, medieval architecture includes mosques, synagogues, fortifications, palaces, monasteries and other residential structures produced in Europe, North Africa and the Middle East between about 300 and 1350 CE. This course offers a selective overview and an introduction to research in this broad and diverse field of study.
(Staff, Division III: Humanities)
Cross-listed as CITY B212
Not offered in 2010-11.

HART B213 Theory in Practice: Critical Discourses in the Humanities
(Higginson, Division III: Humanities)
Cross-listed as FREN B213
Cross-listed as COML B213
Cross-listed as GERM B213
Cross-listed as RUSS B253

HART B225 Topics in Modern Chinese Literature
(Lin, Division III: Humanities)
Cross-listed as EAST B225
Cross-listed as HiST B220
Not offered in 2010-11.

HART B227 Topics in Modern Planning
(Hein, Division I: Social Science)
Cross-listed as CITY B227
Cross-listed as FREN B227
Cross-listed as GERM B227
Not offered in 2010-11.

HART B229 Comparative Urbanism
(McDonogh, Division I: Social Science)
Cross-listed as CITY B229
Cross-listed as ANTH B229
Cross-listed as EAST B229
Not offered in 2010-11.

HART B230 Renaissance Art
A survey of painting in Florence and Rome in the 15th and 16th centuries (Giotto, Masaccio, Botticelli, Leonardo, Michelangelo, Raphael), with particular attention to contemporary intellectual, social, and religious developments.
(Cast, Division III: Humanities)

HART B234 Picturing Women in Classical Antiquity
(Lindenlauf, Division III: Humanities)
Cross-listed as ARCH B234
Cross-listed as CSTS B234
Not offered in 2010-11.

HART B238 The History of Cinema 1895 to 1945
Silent Film: From United States to Soviet Russia and Beyond
Introduction to the international history of film as a narrative and aesthetic form, with consideration of cultural, social, political, technological, and economic determinants that allowed film across the world to evolve, thrive, and become the defining artistic medium of the 20th century.
(Harte, Division III: Humanities)
Cross-listed as ENGL B238
Cross-listed as COML B238
Cross-listed as RUSS B238
HART B241 New Visual Worlds in the Spanish Empire 1492 - 1820

The events of 1492 changed the world. Visual works made at the time of the Conquest of the Caribbean, Mexico and South America by Spain and Portugal reveal multiple and often conflicting political, racial and ethnic agendas, with connections to Asia, Islam, Northern Europe and pre-Columbian cultures. (McKim-Smith, Division III: Humanities)

Not offered in 2010-11.

HART B242 Material Identities in Latin America 1820-2010

Revolutions in Latin America begin around 1810. By the 20th and 21st centuries, there is an international viewership for the works of Latin American artists, and in the 21st century the production of Latina and Latino artists living in the United States becomes particularly important. (McKim-Smith, Division III: Humanities)

HART B250 Nineteenth-Century Art in France

Close attention is selectively given to the work of Cézanne, Courbet, David, Degas, Delacroix, Géricault, Ingres, Manet, and Monet. Extensive readings in art criticism are required. (Levine, Division III: Humanities)

Not offered in 2010-11.

HART B253 Survey of Western Architecture

The major traditions in Western architecture are illustrated through detailed analysis of selected examples from classical antiquity to the present. The evolution of architectural design and building technology, and the larger intellectual, aesthetic, and social context in which this evolution occurred, are considered. (Cast, Division III: Humanities)

Cross-listed as CITY B253
Cross-listed as HIST B253
Not offered in 2010-11.

HART B254 History of Modern Architecture

(Steffensen, Division III: Humanities)
Cross-listed as CITY B254

HART B255 Survey of American Architecture

(Steffensen, Division III: Humanities)
Cross-listed as CITY B255
Not offered in 2010-11.

HART B260 Modern Art

This course will involve an inquiry into the history of 20th-century visual culture, European and American, through an exploration of art practice, art history, art criticism and art theory. Against the dominant and paradigmatic theorization of modernism, the course will introduce and mobilize materials aimed at its critique. (Saltzman, Division III: Humanities)

Not offered in 2010-11.

HART B266 Contemporary Art: 1945 to the Global Present

America, Europe and beyond, from the 1950s to the present, in visual media and visual theory. (Saltzman, Division III: Humanities)

HART B268 Greek and Roman Architecture

(Webb)
Cross-listed as ARCH B268
Cross-listed as CITY B268
Not offered in 2010-11.

HART B272 Topics in Early and Medieval China: Chinese Cities and City Culture

(Lin, Division III: Humanities)
Cross-listed as EAST B272
Cross-listed as CITY B273
Not offered in 2010-11.

HART B282 Arts of Sub-Saharan Africa

This course examines the significant artistic and architectural traditions of African cultures south of the Sahara in their religious, philosophical, political, and social aspects. (Touré, Division III: Humanities)

HART B299 History of Narrative Cinema, 1945 to present

This course surveys the history of narrative film from 1945 through the contemporary moment. We will analyze a series of styles and national cinemas in chronological order, including Italian Neorealism, the French New Wave, and other post-war movements and genres. Viewings of canonical films will be supplemented by more recent examples of global cinema. While historical in approach, this course emphasizes the theory and criticism of the sound film, and we will consider various methodological approaches to the aesthetic, socio-political, and psychological dimensions of cinema. Fulfills the history requirement or the introductory course requirement for the Film Studies minor. (King, Division III: Humanities)

Cross-listed as ENGL B299

HART B305 Classical Bodies

(Donohue, Division III: Humanities)

Cross-listed as ARCH B303
Not offered in 2010-11.
HART B306 Film Theory
This course covers a selection of key texts in film theory. Our primary method of inquiry will be close analysis of primary theoretical texts. Topics of discussion may include: the ontology of the photographic image, the ethics of cinema, cinematic space and temporality, and film theory’s relationship to other forms of visual media. Film screenings will serve to illustrate and complicate theoretical concepts. Fulfills the theory requirement for Film Studies minors. Prerequisites: HART 110, ENGL 205, HART 299, or instructor permission. Enrollment is limited to 15, priority given to Film Studies minors, History of Art majors, and English majors. (King, Division III: Humanities)
Cross-listed as ENGL B306
Cross-listed as COML B306

HART B311 Topics in Medieval Art
Topics change annually. (Division III: Humanities)
Cross-listed as CITY B312
Not offered in 2010-11.

HART B323 Topics in Renaissance Art: The Fresco as Public Art
Selected subjects in Italian art from painting, sculpture, and architecture between the years 1400 and 1600. (Cast, Division III: Humanities)
Cross-listed as CITY B323

HART B331 Palladio and Neo-Palladianism
A seminar on the diffusion of Palladian architecture from the 16th century to the present. (Cast)
Cross-listed as CITY B331
Not offered in 2010-11.

HART B334 Topics in Film Studies: Queer Cinema in a Transnational Frame
(Nguyen, Division III: Humanities)
Cross-listed as ENGL B334

HART B336 Topics in Film
(Nguyen, Division III: Humanities)
Cross-listed as ENGL B336
Not offered in 2010-11.

HART B340 Topics in Baroque Art: Costume and Consumer Culture in Spain and Latin America
The course considers costume and fashion from the perspective of visual and cultural studies, combined with a historical acknowledgment of consumerism. Representations of costume in Europe from the fifteenth century forward to the present day are central, and although some non-Western images from Latin America or Asia will occasionally be shown, a grasp of the history of Western costume is important because that discourse has defined the topic so far. How do clothes create and mediate identity, sexuality and gender roles, ideology, social rank and subjectivity? What is the impact of consumer culture for the last five or six centuries? (McKim-Smith, Division III: Humanities)
Cross-listed as COML B340

HART B348 Advanced Topics in German Cultural Studies: Vienna 1900
(Hertel, Meyer, Division III: Humanities)
Cross-listed as GERM B321
Cross-listed as CITY B319
Cross-listed as COML B321

HART B349 Theories of Authorship in the Cinema
The study of the author-director remains one of the primary categories through which film is to be understood; various directors and critical approaches to this topic will be studied. (King)
Cross-listed as ENGL B349
Not offered in 2010-11.

HART B350 Topics in Modern Art: Portraiture and Self-Portraiture
Topics vary. The topic for Fall 2010 is portraiture and self-portraiture, from sixteenth-century courts to the internet today. (Levine, Division III: Humanities)

HART B355 Topics in the History of London
Selected topics of social, literary, and architectural concern in the history of London, emphasizing London since the 18th century. (Cast, Division I or Division III)
Cross-listed as CITY B355
Cross-listed as HIST B355
Not offered in 2010-11.

HART B358 Topics in Classical Art and Archaeology
(Donohue, Division III: Humanities)
Cross-listed as ARCH B359
Cross-listed as CSTS B359
Not offered in 2010-11.

HART B362 The African Art Collection
This seminar will introduce students to the African art holdings that are part of the Art and Archaeology Collections. (Touré, Division III: Humanities)
HART B367 Asian American Film, Video and New Media
(Nguyen, Division III: Humanities)
Cross-listed as ENGL B367
Not offered in 2010-11.

HART B377 Topics in Modern Architecture: War, Catastrophes, and Reconstruction
(Hein, Steffensen, Division III: Humanities)
Cross-listed as CITY B377
Not offered in 2010-11.

HART B380 Topics in Contemporary Art
Poems and novels, films and photographs, paintings and performances, monuments and memorials, even comics—in the aftermath of Art Spiegelman’s *Maus*—have been the cultural forms that engage us with the catastrophic and traumatic history of the Holocaust. Through these cultural forms we have come to know events considered by some to defy the very possibility of historical, let alone aesthetic, representation. Our task will be to examine such cultural objects, aided by the extensive body of the critical, historical, theoretical, and ethical writings through which such work has been variously critiqued and commended. (Saltzman, Division III: Humanities)
Cross-listed as GERM B380
Cross-listed as HEBR B380

HART B397 Junior Seminar
Designed to introduce majors to the canonical texts in the field of art history and to formalize their understanding of art history as a discipline. Required of and limited to History of Art majors.
(Hertel, Levine, Division III: Humanities)

HART B399 Senior Conference
A seminar for the discussion of senior research papers and such theoretical and historical concerns as may be appropriate to them. Interim oral reports. Required of all majors; culminates in the senior paper.
(Cast, Saltzman)

HART B403 Supervised Work
Advanced students may do independent research under the supervision of a faculty member whose special competence coincides with the area of the proposed research. Consent of the supervising faculty member and of the major adviser is required.
(Staff)

HART B425 Praxis III
Students are encouraged to develop internship projects in the college’s collections and other art institutions in the region.
(Staff)

International Studies

Students may complete a minor in International Studies.

Directors
Cynthia D. Bisman, Co-Director, Graduate School of Social Work and Social Research
Christine Koggel, Co-Director, Philosophy

Steering Committee
Michael H. Allen, Political Science (on leave semester II)
Grace Morgan Armstrong, French and Francophone Studies (on leave semester II)
Cynthia D. Bisman, Graduate School of Social Work and Social Research
Carola Hein, Growth and Structure of Cities (on leave semesters I and II)
Toba Kerson, Graduate School of Social Work and Social Research
Philip Kilbride, Anthropology
Christine Koggel, Philosophy
Imke Meyer, German and German Studies
Kalala Ngalamulume, History
Mary J. Osirim, Sociology (on leave semester I)
Michael H. Rock, Economics (on leave semester II)

International studies is the study of relationships among people and states affected by increasingly permeable borders and facing global issues. The minor in international studies aims to prepare students to be responsible citizens by introducing them to issues of importance in an increasingly interdependent world of global dynamics in politics, economics, ideas, language, and culture. Around the world, international studies programs are preparing students for productive roles in transnational or intergovernmental institutions and in the areas of public policy, governance, business, diplomacy, development, and cultural studies. A goal of the minor is to provide a foundation for students interested in pursuing career opportunities in these areas or in entering graduate programs in international studies.

The minor combines applied and theoretical approaches to international studies and draws from an increasing number of disciplines that are now exploring the descriptive and normative aspects of living in a world impacted by features of globalization. The minor allows students to use the disciplinary methods and materials acquired in their major as a base from which to engage in the necessarily inter- and multidisciplinary course work of international studies. Finally, the minor employs a broad conception of international studies by incorporating the
study of politics, economics, philosophy, and political theory (as captured in the core courses) with the complementary study of specific themes (as captured by each of the five tracks).

Although language study is not required per se for the minor, students intending to undertake graduate work in international studies should plan to acquire proficiency in a foreign language, which is a requirement (at the time of admission or graduation) in the most selective programs here and abroad.

**Minor Requirements**

Students minoring in International Studies must complete a total of seven courses. Four of these are core courses. Three of these courses form a coherent group coming (one each) from political science, economics, and philosophy and the fourth provides critical inquiry into cultural differences. The core courses form the base from which students can then concentrate their additional study in one of five tracks: international politics, international economics, social justice, area studies, or language and arts. Within a track, students can choose three electives from among a range of courses drawn from the social sciences and humanities. The three electives should demonstrate coherence and be approved by an adviser from the Center for International Studies.

**Core courses**

There are a total of four core courses. All students are required to take three courses, one from each of political science, economics, and philosophy. These disciplines have become central to international studies programs. Each of the two sets identified below form a coherent group of three courses designed to introduce students to the field as a whole by providing them with resources for studying the most basic elements of globalization in the context of international relations, economics and politics. If one of the core courses from a set is not offered in a given year, substitutions will be made with another allied course, offered at Bryn Mawr or Haverford, with the approval of an adviser from the Center for International Studies.

- POLS B141 Introduction to International Politics
- ECON B225 Economic Development
- PHIL B344 Development Ethics

or

- PHIL B225 Global Ethical Issues
- ECON B206 International Trade
- POLS B391 International Political Economy

To complete the core requirements, students must take one course on cultural differences. This requirement allows students to acquire a greater appreciation of the significance of culture in the global context by providing an awareness of how different values, norms, beliefs, and practices affect possibilities for understanding different cultures and for cross-cultural dialogue and consensus. The course may be selected from (but is not limited to) the following:

- ANTH B102 Introduction to Anthropology: Cultural Anthropology
- COML/PHIL B202 or B323 Culture and Interpretation
- ITAL/COML/HEBR B211 Primo Levi, the Holocaust, and Its Aftermath
- ANTH/COML/GERM/CITY B245 Women’s Narratives on Modern Migrancy, Exile and Diaspora
- FREN B251 La Mosaïque France

**Electives**

In addition to the four core courses listed above, three electives are required. Each of the five tracks identifies a major topic or theme in international studies that builds on or develops the core. Students should choose the three electives from the approved lists under one of the tracks identified below. Electives should demonstrate coherence and be approved by an adviser. At least one of the courses must be a 300-level course. Please refer to the International Studies Web site for detailed information regarding approved electives: http://www.brynmawr.edu/internationalstudies.

**International Politics**

This track allows students to focus on the dynamics and structures of intergovernmental and transnational relationships from the perspective of the discipline of political science. Through engagement with the most salient theoretical and policy debates, students may focus upon such themes as globalization and resistance to it, development and sustainability, nationalism and sovereignty, human rights, conflict and peace, public international law and institutions, and nongovernmental or civil society organizations and movements at regional, transregional, and global levels.

The three elective courses are to be selected from an approved list or be approved by an adviser from the Center for International Studies.

**International Economics**

This track allows students to focus on various theoretical, empirical, and policy issues in international economics. Each of the courses in the track—trade, open-economy macroeconomics, development, and environmental economics—focuses on different economic aspects of the international or global economy. International trade looks at the major theories offered to explain trade and examines the effects of trade barriers and trade liberalization on welfare. International macroeconomics and international finance examines policy-making in open economies, exchange rate systems, exchange rate behavior, and financial integration and financial crises.
Development economics is concerned, among other things, with understanding how developing countries can structure their participation in the global economy so as to benefit their development. Environmental economics uses economic analysis to examine the behavioral causes of local, regional, and global environmental and natural resource problems and to evaluate policy responses to them.

The three elective courses are to be selected from an approved list or be approved by a faculty member in Economics affiliated with the Center for International Studies.

Social Justice
This track allows students to explore issues of social and political change in the context of economic and political transition in the global context. Students gain insight into how global issues affect relationships among people and cultures within and across national boundaries and how global issues are in turn affected by these relationships. Major themes include: a) migration, imperialism, and colonialism; b) international/ethnic conflict and cooperation; c) culture and values; d) justice and global issues; e) globalization and urban development; and f) social movements and change in the global context.

A coherent set of courses can be achieved by selecting the three electives from approved lists within one of the thematic groupings or be approved by an adviser from the Center for International Studies.

Area Studies
This track allows students to situate and apply the economic, political, and social theory provided in the core to the study of a particular geopolitical area. It provides students with a global frame of reference from which to examine issues of history, migration, colonization, modernization, social change, and development through an area study.

A coherent set of courses can be achieved by selecting the three electives from approved lists within an area study or be approved by an adviser from the Center for International Studies.

Language and Arts
This track allows students to explore human interaction at the global level through language, literature, music, and arts. Students in this track focus their studies on the forms of language and the arts that are generated through global processes and in turn affect the generation and exchange of ideas in and between different societies and cultures.

A coherent set of courses can be achieved by selecting the three electives from approved lists within a language study or be approved by an adviser from the Center for International Studies.

Italian
Students may complete a major or minor in Italian.

Faculty
David J. D. Cast, Professor and Acting Chair
Dennis James McAuliffe, Visiting Associate Professor
Nicholas Patruno, Katherine E. McBride Professor
Giuliana Perco, Lecturer
Roberta Ricci, Associate Professor (on leave semesters I and II)
Mary Sisler, Lecturer
Gabriella Troncelliti, Language Assistant

Based on an interdisciplinary approach that views culture as a global phenomenon, the aims of the major in Italian are to acquire a knowledge of Italian language and literature and an understanding of Italian culture, including cinema, art, journalism, pop culture, and music. The Department of Italian also cooperates with the Departments of French and Spanish in the Romance Languages major and with the other foreign languages in the TRICO for a major in Comparative Literature. The Italian Department cooperates also with the Center for International Studies (CIS).

College Foreign Language Requirement
The College’s foreign language requirement may be satisfied by completing ITAL 105 (intensive) with a grade of 2.0, or by completing ITAL 101 and 102 (non-intensive) with an average grade of at least 2.0 or with a grade of 2.0 or better in ITAL 102.

Students may obtain permission from the instructor to transfer from a regular language course to an intensive language course.

Major Requirements
Major requirements in Italian are 10 courses: ITAL 101, 102 and eight additional units, at least three of which are to be chosen from the offerings on the 300 level, and no more than one from an allied field. All students must take a course on Dante (301), one on the Italian Renaissance (304), and two on modern Italian literature. Where courses in translation are offered, students may, with the approval of the department, obtain major credit provided they read the texts in Italian, submit written work in Italian and, when the instructor finds it necessary, meet with the instructor for additional discussion in Italian.

Courses allied to the Italian major include, with departmental approval, all courses for major credit in ancient and modern languages and related courses in
archaeology, art history, history, music, philosophy, and political science. Each student's program is planned in consultation with the department.

Students who begin their work in Italian at the 200 level will be exempted from ITAL 101 and 102 or from ITAL 105.

Honors

The opportunity to conduct a project of supervised sustained research (ITAL 403 Independent Study) is open to all majors with a 3.7 GPA. Students who want to graduate with honors are asked to write a senior thesis and to discuss it with members of the Italian Department and/or a third outside reader at the end of the senior semester. Students wishing to do so will present a topic that a faculty member is willing to supervise, a written proposal of the topic chosen, and, if approved by the department, will spend one semester in the senior year working on the thesis.

Minor Requirements

Requirements for the minor in Italian are ITAL 101, 102 and four additional units including two at the 200 level and two at the 300 level. With departmental approval, students who begin their work in Italian at the 200 level will be exempted from ITAL 101 and 102 or from ITAL 105. For courses in translation, the same conditions for majors in Italian apply.

Study Abroad

Italian majors are encouraged to study in Italy during the junior year in a program approved by the College. Bryn Mawr's interdisciplinary summer program at the University of Pisa offers a great opportunity for students of Italian to study in Pisa for six weeks and take courses for major credit in Italian (both in Intensive Elementary/Intensive Intermediate and in Italian Literature/Culture/Cinema). Students may study in other approved summer programs in Italy or in the United States. Courses for major credit in Italian may also be taken at the University of Pennsylvania (Department of Italian).

ITAL B001 Elementary Italian

The course is for students with no previous knowledge of Italian. It aims at giving the students a complete foundation in the Italian language, with particular attention to oral and written communication. The course will be conducted in Italian and will involve the study of all the basic structures of the language—phonological, grammatical, syntactical—with practice in conversation, reading, composition. Readings are chosen from a wide range of texts, while use of the language is encouraged through role-play, debates, songs, and creative composition. (Sisler, Language Level 1)

ITAL B002 Elementary Italian II

This course is the continuation of ITAL B001 and is intended for students who have started studying Italian the semester before. It aims at giving the students a complete foundation in the Italian language, with particular attention to oral and written communication. The course will be conducted in Italian and will involve the study of all the basic structures of the language—phonological, grammatical, syntactical—with practice in conversation, reading, composition. Readings are chosen from a wide range of texts, while use of the language is encouraged through role-play, debates, songs, and creative composition. Prerequisite: ITAL B001 (Sisler, Language Level 1)

ITAL B010 Intensive Elementary Italian I

This intensive communicative course is an accelerated introduction to speaking, understanding, reading, and writing. It is intended for students with no previous knowledge of Italian. Aspects of Italian culture and contemporary life also are introduced through the use of video, songs, audio clips, etc. The course is taught completely in Italian, and authentic contemporary materials are used to immerse the student into an integrative linguistic environment. Attendance to the 4 drills classes each week is required. This course meets 9 hours per week.

ITAL B011 Intensive Elementary Italian II

This course is the continuation of ITAL B010 and is intended for students who have started studying Italian the semester before. Aspects of Italian culture and contemporary life also are introduced through the use of video, songs, audio clips, etc. The course is taught completely in Italian, and authentic contemporary materials are used to immerse the student into an integrative linguistic environment. Attendance to the 4 drills classes each week is required. This course meets 9 hours per week. Prerequisite: ITAL B010

ITAL B010 Intermediate Italian

This course provides students with a broader basis for learning to communicate effectively and accurately in Italian. While the principal aspect of the course is to further develop language abilities, the course also imparts a foundation for the understanding of modern and contemporary Italy. Students will gain an appreciation for Italian culture and be able to communicate orally and in writing in a wide variety of topics. We will read a novel, as well as newspaper and magazine articles to analyze aspects on modern and contemporary Italy. We will also view and discuss Italian films and discuss internet materials.

ITAL B001 Elementary Italian

The course is for students with no previous knowledge of Italian. It aims at giving the students a complete foundation in the Italian language, with particular attention to oral and written communication. The course will be conducted in Italian and will involve the study of all the basic structures of the language—phonological, grammatical, syntactical—with practice in conversation, reading, composition. Readings are chosen from a wide range of texts, while use of the language is encouraged through role-play, debates, songs, and creative composition. (Sisler, Language Level 1)
ITAL B102 Intermediate Italian

This course provides students with a broader basis for learning to communicate effectively and accurately in Italian. While the principal aspect of the course is to further develop language abilities, the course also imparts a foundation for the understanding of modern and contemporary Italy. Students will gain an appreciation for Italian culture and be able to communicate orally and in writing in a wide variety of topics. We will read a novel, as well as newspaper and magazine articles to analyze aspects on modern and contemporary Italy. We will also view and discuss Italian films and discuss internet materials.

(Sisler, Language Level 2)

ITAL B105 Intensive Intermediate Italian

This course builds on the previous two courses of intensive Italian (010-011) in the development of speaking, understanding, reading, and writing, and completes the study of Italian grammar. In addition to enriching students’ knowledge of both written and spoken Italian, this course will provide a window onto aspects of contemporary Italian culture and society. Students will read a variety of different texts in Italian, from literary prose, to newspaper articles, lyrics from songs, essays, and so on. Attendance to both master and drills classes is required for a total of 5 hours per week.

(Perro, Language Level 2)

ITAL B200 Pathways to Proficiency

This course is intended for students who have already completed the elementary-intermediate sequence and who are interested in pursuing the study of Italian. The aim of the course is to improve students’ proficiency in the Italian language, so that they will be able to take more advanced courses in Italian literature and cultural studies. The focus of this course is to expose students to crucial issues that have influenced Italian culture and society, concurring to develop distinctive ways of thinking, cultural artifacts (literary works, music, works of art, and so on), and that are at the core of contemporary Italian society.

(Perro)

ITAL B202 Italian Short Story

(Ricci, Division III: Humanities)

Not offered in 2010-11.

ITAL B203 Italian Theater (in Italian)

The course consists of a close reading in Italian of representative theatrical texts from the contemporary stage to the origins of Italian theater in the 16th century, including pieces by Dario Fo, Luigi Pirandello, Carlo Goldoni, the Commedia dell’arte and Niccolò Machiavelli. Attention will be paid to the development of lan-

guage skills through reading out loud, performance, and discussion of both form and content, enhanced by the use of recordings and videos. Attention will also be paid to the development of critical and analytical writing skills through the writing of short reviews and the research and writing of a term paper.

(McAuliffe, Division III: Humanities)

Not offered in 2010-11.

ITAL B204 Manzoni

Why is I promessi sposi considered by many the best historical novel in Italian and one of the best in any language? What contribution did Manzoni’s novel make to the development of the Italian language? to the Italian unification movement? to the understanding of Italian Catholicism? to the Italian romantic movement? Seminar discussions will be based on a close reading of the novel, as well as short selections of Manzoni’s other works. A variety of critical methods of interpretation will be explored both in class and in research projects leading to a critical analytical research paper. Conducted in Italian.

(McAuliffe, Division III: Humanities)

Not offered in 2010-11.

ITAL B207 Dante in Translation

A reading of the Vita Nuova (Poems of Youth) and The Divine Comedy: Hell, Purgatory and Paradise in order to discover the subtle nuances of meaning in the text and to introduce students to Dante’s tripartite vision of the afterlife. Dante’s masterpiece lends itself to study from various perspectives: theological, philosophical, political, allegorical, historical, cultural, and literary. Personal journey, civic responsibilities, love, genre, governmental accountability, church-state relations, the tenuous balance between freedom of expression and censorship—these are some of the themes that will frame the discussions. Course taught in English; One additional hour for students who want Italian credit.

(McAuliffe, Ricci, Division III: Humanities)

ITAL B208 Petrarca and Boccaccio in Translation

The course will focus on a close analysis of Petrarch’s Canzoniere and Boccaccio’s Decameron, with attention given also to their minor works and the historical/literary context connected with these texts. Attention will also be given to Florentine literature, art, thought, and history from the death of Dante to the age of Lorenzo de’ Medici. Texts and topics available for study include the Trecento vernacular works of Petrarch and Boccaccio; and Florentine humanism from Salutati to Alberti. Course taught In English; one additional hour of target language instruction in the language of study in the second semester.

(McAuliffe, Ricci, Division III: Humanities)
ITAL B209 Humanism and the Renaissance in Translation

As well as detailed analysis of some of the most fascinating texts of the period, the opportunity is offered to explore broader questions, such as the impact of the massive expansion of the printing industry on literary culture, the nature of the cultural impact of the Counter Reformation on literature, the construction of gender and the place of women in Cinquecento literary culture, the Questione della lingua and its impact on literary culture, chivalric and epic genre, the Counter Reformation and its cultural effects, and the neo-Platonic debate on beauty. Prerequisite: two years of Italian or the equivalent.
(Ricci, Division III: Humanities)
Not offered in 2010-11.

ITAL B211 Primo Levi, the Holocaust, and Its Aftermath

A consideration, through analysis and appreciation of his major works, of how the horrific experience of the Holocaust awakened in Primo Levi a growing awareness of his Jewish heritage and led him to become one of the dominant voices of that tragic historical event, as well as one of the most original new literary figures of post-World War II Italy. Always in relation to Levi and his works, attention will also be given to other Italian women writers whose works are also connected with the Holocaust.
(Patruno, Division III: Humanities)
Cross-listed as COML B211
Cross-listed as HEBR B211

ITAL B225 Italian Cinema and Literary Adaptation

A survey, taught in English but also valid for Italian languages credit for those who qualify to do reading and writing in Italian, of Italian cinema with emphasis placed on its relation to literature. The course will discuss how cinema conditions literary imagination and how literature leaves its imprint on cinema. We will “read” films as “literary images” and “see” novels as “visual stories.” The reading of the literary sources will be followed by evaluation of the corresponding films (all subtitled) by well-known directors, including Bellochio, Bertolucci, Rosi, the Taviani brothers, and L. Visconti. Counts toward Film Studies concentration.
(Ricci)
Not offered in 2010-11.

ITAL B235 The Italian Women’s Movement

Examination of the medieval and early modern roots of the women’s movement in Italy. Literature produced by women in Italy from 1200 to 1600 has it its center universal themes of the position of women in society and the struggle for equality and justice for women. Readings will include works by mystic women writers (Chiara d’Assisi, Caterina da Siena, Angela da Foligno, Caterina da Genova) and women poets (Vittoria Colonna, Veronica Gambara, Veronica Franco, Moderata Fonte).
(In Italian)
(McAuliffe, Ricci, Division III: Humanities)

ITAL B255 Uomini d’onore in Sicilia

The course will explore historical and fictional presentations which contribute to the myth of the Italian and Italian-American mafia in Italian literature and cinema, starting from the “classical” example of Sicily. Introduces Italian studies from an interdisciplinary perspective and Italian narrative fiction. Presents the historical development of the Sicilian Mafia from the mid-1800s through the 1980s with the examination of official documents, such as court files, documentaries and newspaper articles. Prerequisite: ITAL B102 or B105 or permission of the instructor.
(Ricci, Division III: Humanities)
Not offered in 2010-11.

ITAL B301 Dante

Prerequisite: two years of Italian or the equivalent. Taught in Italian. See course description for ITAL B207.
(McAuliffe, Ricci, Division III: Humanities)

ITAL B303 Petrarcha and Boccaccio

The focus of the course is on The Decameron, one of the most entertaining, beloved and imitated prose works ever written. Like Dante’s divine comedy, this human comedy was written not only to delight, but also to instruct by exploring both our spiritual and our natural environment. The Decameron will be read in its entirety in Italian. Attention will also be paid to Petrarcha’s Canzoniere, of which a small selection will be read in Italian. Topics will include how each author represented women in the context of 14th-century Italy. Prerequisite: two years of Italian and at least a 200-level course. Taught in Italian.
(McAuliffe, Ricci, Division III: Humanities)
Not offered in 2010-11.

ITAL B304 The Renaissance in Italy: Literature and Beyond

Italian literature, art, thought, and history from the death of Dante to the Reformation. Texts and topics available for study include the Trecento vernacular works of Petrarch and Boccaccio; Florentine humanism from Salutati to Alberti; and the literary, artistic, and intellectual culture of the Medici court in the 1470s and 80s (Ficino, Poliziano, Lorenzo de’ Medici, Michelangelo); Machiavelli; Ariosto; and women poets. Prerequisite: two years of Italian or the equivalent. Taught in Italian.
(McAuliffe, Division III: Humanities)
ITAL B310 Italian Popular Fiction

This course explores the Italian “giallo” (detective fiction), today one of the most successful literary genres among Italian readers and authors alike. Through a comparative perspective, the course will analyze not only the inter-relationship between this popular genre and “high literature,” but also the role of detective fiction as a mirror of social anxieties. In Spring 2011, ITAL B310 will be offered in English. Italian majors taking this course for Italian credit will be required to meet for an additional hour with the instructor and to do the readings and writing in Italian. Prerequisites: one literature course at the 200 level.
(Perco, Division III: Humanities)
Cross-listed as COML B310

ITAL B398 Senior Seminar

(Ricci)

ITAL B399 Senior Conference

Under the direction of the instructor, each student prepares a paper on an author or a theme that the student has chosen. This course is open only to senior Italian majors.
(Ricci, McAuliffe)

ITAL B403 Supervised Work

Offered with approval of the department.
(Ricci)

Latin American, Latino, and Iberian Peoples and Cultures

Students may complete a concentration in Latin American, Latino, and Iberian Peoples and Cultures.

Coordinator
Gary McDonogh, Growth and Structure of Cities

Faculty
Jaime Javier Nasser, Andrew W. Mellon Foundation Postdoctoral Fellow in the Humanities

Advisory Committee
Juan Arbona, Growth and Structure of Cities
Ignacio Gallup-Diaz, History
James Krippner, History, Haverford College
Lázaro Lima, Spanish (on leave semesters I and II)
Gary McDonogh, Growth and Structure of Cities
Gridley McKim-Smith, History of Art
Jaime Javier Nasser, History of Art
Maria C. Quintero, Spanish
Enrique Sacerio-Gari, Spanish
H. Rosi Song, Spanish
Ayumi Takenaka, Sociology

Latin American, Latino and Iberian peoples, histories, and cultures have represented both central agents and crucibles of transformations across the entire world for millennia. Global histories and local experiences of colonization, migration, exchange, and revolution allow students and faculty to construct a critical framework of analysis and to explore these dynamic worlds, their peoples and cultures, across many disciplines.

As a concentration, such study must be based in a major in another department, generally Spanish, Growth and Structure of Cities, History, History of Art, Political Science, or Sociology (exceptions can be made in consultation with the major and concentration adviser).
To fulfill requirements, the student must complete the introductory course, GNST 145 Introduction to Latin American, Latino and Iberian Peoples and Culture, and then plan advanced courses in language, affiliated fields and her major that lead to a final project in the major that relates closely to themes of the concentration. One semester of study abroad is strongly encouraged in the concentration and students may complete some requirements with appropriately selected courses in many Junior Year Abroad (JYA) programs. The student also must show competence in one of the languages of the peoples of Iberia or Latin America.
Students are admitted into the concentration at the end of their sophomore year after submission of a plan of study worked out in consultation with the major department and the Latin American, Latino, and Iberian Peoples and Cultures (LALIPC) coordinator. At this time, students will also be asked to file a statement about their interests and goals for the program to help guide advising.

**Concentration Requirements**

Competence in a language spoken by significant collectives of Iberian or Latin American peoples to be achieved no later than junior year. This competence may be attested by a score of at least 690 on the Spanish Achievement test of the College Entrance Examination Board or by completion of a 200-level course with a merit grade. Faculty will work with students to assess languages not regularly taught in the Tri-Co, including Portuguese, Catalan, and other languages.

GNST B145 as a gateway course in the first or second year. The student should also take at least five other courses selected in consultation with the program coordinator, at least one of which must be at the 300 level. One of these classes may be cross-listed with the major; up to two may be completed in JYA.

A long paper or an independent project dealing with Iberian, Latin American, or Latina/o issues, to be completed during the junior year in a course in the major or concentration and to be read by the LALIPC coordinator.

A senior essay dealing with some issue relevant to the concentration should be completed in the major and read by one faculty member participating in the concentration. All senior concentrators will present their research within the context of some LALIPC student-faculty forum as well.

**Junior Year Abroad**

JYA provides both classes and experience in language, society, and culture that are central to the concentration. Students interested in JYA programs in the Iberian Peninsula, Latin America, and the Caribbean should consult with their major adviser and the concentration coordinator in order to make informed choices. We will also work with students to identify programs that may allow them to work with languages not regularly taught in the Tri-Co, especially Portuguese.

**Classes**

The following are Bryn Mawr classes offered in 2010-11 which may be counted toward the concentration; these are also indicative of classes and interests that are frequently present in the curriculum. Other classes may be counted with permission of the coordinator. LALIPC also accepts all classes listed under the concentration of Latin American and Iberian Studies at Haverford as well as appropriate classes from Swarthmore and Penn. Again, planning with the coordinator will make selection of courses more meaningful.

**Fall 2010**

- ANTH B200 The Atlantic World 1492-1800: Indians, Europeans, and Africans
- ANTH B258 Immigrant Experiences
- COML B260 Ariel y Caliban
- CITY B185 Urban Culture and Society
- CITY B293 Topics in Film and Media: Fragmented Media: Film, Television and Identities in the Americas
- HART B242 Material Identity: Latin America 1820-2010
- HART B293 Topics in Film and Media: Fragmented Media: Film, Television and Identities in the Americas
- HIST B127 Indigenous Leaders 1452-1750
- HIST B200 The Atlantic World 1492-1800: Indians, Europeans, and Africans
- SOCL B246 Immigrant Experiences
- SPAN B200 Temas culturales: Espana e Hispanoamerica
- SPAN B208 Drama y sociedad en Espana
- SPAN B260 Ariel y Caliban
- SPAN B318 Literary Adaptations: Spanish Cinema

**Spring 2011**

- CITY B229 Comparative Urbanism—Divided Cities: Race, Class, Gender and Other Divisions
- CITY B360 Topics in Urban Culture and Society: Brazil: City, Nature, Identity
- COML B248 Reception of Classical Literature in the Hispanic World
- CSTS B248 Reception of Classical Literature in the Hispanic World
- GNST B145 Introduction to Latin American Studies
- HIST B243 Atlantic Cultures: Maroon Societies
- HIST B287 Immigration in the United States
- SPAN B223 Género y modernidad en la narrativa del siglo XIX
- SPAN B248 Reception of Classical Literature in the Hispanic World
- SPAN B307 Cervantes
Linguistics

Students may major in Linguistics through Swarthmore College and minor in Linguistics through Haverford College.

Coordinators
Shizhe Huang, Haverford College, Bi-College Coordinator
Jason Kandybowicz, Swarthmore College, Tri-College Coordinator

Faculty at Bryn Mawr College
Deepak Kumar, Professor of Computer Science
Amanda Weidman, Assistant Professor of Anthropology

Faculty at Haverford College
Marilyn Boltz, Professor of Psychology
Ashok Gangadean, Professor of Philosophy
Danielle Macbeth, Professor of Philosophy
Shizhe Huang, Associate Professor of Chinese and Linguistics
Ana López-Sánchez, Assistant Professor of Spanish

Faculty at Swarthmore College
Donna Jo Napoli, Professor
Theodore B. Fernald, Professor
K. David Harrison, Associate Professor and Chair
Aaron J. Dinkin, Instructor and Laboratory Coordinator
Doreen Kelly, Visiting Instructor

Linguistics is the study of language, the medium which allows us to communicate and share our ideas with others. As a discipline, linguistics examines the structural components of sound, form, and meaning, and the precise interplay between them. Modern linguistic inquiry stresses analytical and argumentation skills, which will prepare students for future pursuits in any field where such skills are essential.

Linguistics is also relevant to other disciplines, such as psychology, philosophy, sociology, and anthropology.

The primary goals of the linguistics minor are to introduce students to the field of linguistics proper through a series of foundation courses in linguistics theory and methodology; to provide training in the application of certain theoretical and methodological tools to the analysis of linguistic data; and to offer an array of interdisciplinary courses that allow students to explore other related fields that best suit their interests.

Major Requirements

Students may major in linguistics through the Linguistics department at Swarthmore College (http://www.swarthmore.edu/SocSci/Linguistics/). Contact the department for more details.

Minor Requirements

Students may minor in linguistics through Haverford by completing six credits in the following three areas of study:

A. Mandatory Foundation Courses (three credits):
   LING H113 or LING S050 Introduction to Syntax
   LING H114 or LING S040 Introduction to Semantics
   LING H115 Phonetics and Phonology

B. Synthesis Courses (choose one):
   LING H282 Structure of Chinese
   LING H382 Topics in Chinese Syntax and Semantics
   LING S060 Structure of Navajo
   LING S062 Structure of American Sign Language
   LING S064 Structure of Tuvan

C. Elective Courses (choose two):
   LING/PSYC H238 The Psychology of Language
   LING B239 Introduction to Linguistics
   LING H242 Chinese Language in Culture and Society
   LING/PHIL H253 Analytic Philosophy of Language
   LING/PHIL H260 Historical Introduction to Logic
   LING/ANTH B281 Language in the Social Context
   LING H295 Seminar in Syntax: The Minimalist Program
   CMSC B325 Computational Linguistics
   LING/SPAN H365 The Politics of Language in the Spanish-Speaking World

All linguistics courses offered at Swarthmore College will be accepted for credit for various categories.
Bryn Mawr College courses in Linguistics:

**LING B113 Introduction to Syntax**

Introduces the investigation of sentence structures in human language, emphasizing insights from linguists over the past 40 years. The class will develop increasingly complex theory starting with basic assumptions and seeing where they lead. Students will gain a clearer understanding of grammar, develop and refine skills of analysis, writing, and argumentation. We will focus on English, occasionally using other languages to look at ways human languages are similar and how they differ. (Kandybowicz, Division I: Social Science) 
*Not offered in 2010-11.*

**LING B239 Introduction to Linguistics**

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. (Kandybowicz, Division I: Social Science)

**LING B281 Language in Social Context**

What do we do with language? How does language make us who we are? How does language construct our world and mediate our experience of it? In this course, we will explore some of the ways in which the fields of sociolinguistics and linguistic anthropology have answered these questions. Our readings and discussions will address the topics of language socialization in childhood, the interrelationships between language, gender, race, and class, theories of meaning, the ethnography of communication, and differing ideas about language in situations of culture contact. (Weidman, Division I: Social Science) 
Cross-listed as ANTH B281.

Haverford College currently offers the following courses in Linguistics:

**Fall 2010**

LING H113 Introduction to Syntax

**Spring 2011**

LING H114 Introduction to Semantics

Swarthmore College currently offers the following courses in Linguistics:

**Fall 2010**

LING S001 Introduction to Language and Linguistics
LING S004 FYS: American Indian Languages
LING S007 Hebrew for Text Study I
LING S015 Introduction to the Lenape Language
LING S020 Natural Language Processing
LING S020 Natural Language Processing Lab
LING S033 Introduction to Classical Chinese
LING S040 Semantics
LING S045 Phonetics and Phonology
LING S050 Syntax
LING S052 Historical/Comparative Linguistics
LING S053 Language Minority Education
LING S062 Structure of American Sign Language
LING S062 Structure of ASL: Attachment
LING S070 Translation Workshop
LING S094 Special Project in Linguistics
LING S097 Field Research
LING S100 Research Seminar
LING S195 Senior Honors Thesis
Mathematics

Students may complete a major or minor in Mathematics. With the major, students may complete the requirements for secondary school certification. Majors may complete an M.A. in Mathematics, if accepted into the combined A.B./M.A. program, or may enter the 3-2 Program in Engineering and Applied Science at the California Institute of Technology.

Faculty
Leslie C. Cheng, Associate Professor and Chair
Victor J. Donnay, Professor (on leave semester I)
Helen G. Grundman, Professor
Rhonda J. Hughes, Professor (on leave semester II)
Peter G. Kasius, Instructor
Paul Melvin, Professor
Amy N. Myers, Mathematics Program Coordinator and Lecturer
Lisa Traynor, Professor
Rebecca Marie Vandiver, Postdoctoral Fellow in Mathematics and Biology

The Mathematics curriculum is designed to expose students to a wide spectrum of ideas in modern mathematics, train students in the art of logical reasoning and clear expression, and provide students with an appreciation of the beauty of the subject and of its vast applicability.

Major Requirements
A minimum of 10 semester courses is required for the major, including the six core courses listed below and four electives at or above the 200 level.

Core Requirements:
MATH B201 Multivariable Calculus (H121 or H216)
MATH B203 Linear Algebra (H215)
MATH B301 Real Analysis I (H317)
MATH B303 Abstract Algebra I (H333)
MATH B302 Real Analysis II (H318) or MATH B304 Abstract Algebra II (H334)
MATH B398 or B399 Senior Conference

With the exception of Senior Conference, equivalent courses at Haverford or elsewhere may be substituted for Bryn Mawr courses with approval of the major adviser. In consultation with a major adviser, a student may also petition the department to accept courses in fields outside of mathematics as electives if these courses have serious mathematical content appropriate to the student’s program.

Mathematics majors are encouraged to complete their core requirements other than Senior Conference by the end of their junior year. Senior Conference must be taken during the senior year. Students considering the possibility of graduate study in mathematics or related fields are urged to go well beyond the minimum requirements of the major. In such cases, a suitable program of study should be designed with the advice of a major adviser.

Honors
A degree with honors in mathematics will be awarded by the department to students who complete the major in mathematics and also meet the following further requirements: at least two additional semesters of work at the 300 level or above (this includes Supervised Work 403), completion of a meritorious project consisting of a written thesis and an oral presentation of the thesis, and a major grade point average of at least 3.6, calculated at the end of the senior year.

Minor Requirements
The minor requires five courses in mathematics at the 200 level or higher, of which at least two must be at the 300 level or higher.

Advanced Placement
Students entering with a 4 or 5 on the Calculus AB advanced placement test will be given credit for MATH 101 and should enroll in MATH 102 as their first mathematics course. Students entering with a 4 or 5 on the Calculus BC advanced placement test will be given credit for MATH 101 and 102, and should enroll in MATH 201 as their first mathematics course. All other students are strongly encouraged to take the Mathematics Placement Exam so they can be best advised.

A.B./M.A. Program
For students entering with advanced placement credits it is possible to earn both the A.B. and M.A. degrees in an integrated program in four or five years.

3-2 Program in Engineering and Applied Science
See the description of the 3-2 Program in Engineering and Applied Science, offered in cooperation with the California Institute of Technology, for earning both an A.B. at Bryn Mawr and a B.S. at Cal Tech.
MATH B001 Fundamentals of Mathematics
Basic techniques of algebra, analytic geometry, graphing, and trigonometry for students who need to improve these skills before entering other courses that use them, both inside and outside mathematics. Placement in this course is by advice of the department and permission of the instructor.
(Staff)

MATH B005 Math Workshop
Review of arithmetic and introduction to the basics of elementary and intermediate algebra for students whose mathematical backgrounds require such support. This course prepares students to take either MATH 001 or MATH 104 immediately thereafter. Placement in this course is by advice of the department.
(Swann)
This is a half-credit course.

MATH B101, B102 Calculus with Analytic Geometry I and II
Differentiation and integration of algebraic and elementary transcendental functions, with the necessary elements of analytic geometry and trigonometry; the fundamental theorem, its role in theory and applications, methods of integration, applications of the definite integral, infinite series. May include a computer lab component. Prerequisite: math readiness or permission of the instructor. Students in the calculus sequence need a grade of 2.0 or better to continue with the next course.
(Hughes, Kasius, Myers, Division II and Quantitative Skills)

MATH B104 Elements of Probability and Statistics
This course introduces students to key concepts in both descriptive and inferential statistics. Students learn how to collect, describe, display, and interpret both raw and summarized data in meaningful ways. Topics include summary statistics, graphical displays, correlation, regression, probability, the law of averages, expected value, standard error, the central limit theorem, hypothesis testing, sampling procedures, and bias. Students learn to use statistical software to summarize, present, and interpret data. This course may not be taken after any other statistics course. Prerequisite: math readiness or permission of instructor.
(Grundman, Quantitative Skills)

MATH B201 Multivariable Calculus
Vectors and geometry in two and three dimensions, partial derivatives, extremal problems, double and triple integrals, line and surface integrals, Green’s and Stokes’ Theorems. May include a computer lab component. Prerequisite: MATH 102 or permission of instructor.
(Hughes, Swann, Division II and Quantitative Skills)

MATH B203 Linear Algebra
Matrices and systems of linear equations, vector spaces and linear transformations, determinants, eigenvalues and eigenvectors, inner product spaces and quadratic forms. May include a computer lab component. Prerequisite: MATH 102 or permission of instructor.
(Staff, Division II and Quantitative Skills)

MATH B205 Theory of Probability with Applications
Random variables, probability distributions on \( \mathbb{R}^n \), limit theorems, random processes. Prerequisite: MATH 201.
(Staff, Division II and Quantitative Skills)
Not offered in 2010-11.

MATH B206 Transition to Higher Mathematics
An introduction to higher mathematics with a focus on proof writing. Topics include active reading of mathematics, constructing appropriate examples, problem solving, logical reasoning, and communication of mathematics through proofs. Students will develop skills while exploring key concepts from algebra, analysis, topology, and other advanced fields. Corequisite: MATH 203; not open to students who have had a 300-level math course.
(Kasius, Division II: Natural Science)

MATH B210 Differential Equations with Applications
Ordinary differential equations, including general first-order equations, linear equations of higher order and systems of equations, via numerical, geometrical, and analytic methods. Applications to physics, biology, and economics. Corequisite: MATH 201 or 203.
(Donnay, Division II and Quantitative Skills)

MATH B221 Introduction to Topology and Geometry
An introduction to the ideas of topology and geometry through the study of knots and surfaces in three-dimensional space. The course content may vary from year to year, but will generally include some historical perspectives and some discussion of connections with the natural and life sciences. Corequisite: MATH 201 or 203.
(Swann, Division II and Quantitative Skills)

MATH B225 Introduction to Financial Mathematics
Topics to be covered include market conventions and instruments, Black-Scholes option-pricing model, and practical aspects of trading and hedging. All necessary definitions from probability theory (random variables, normal and lognormal distribution, etc.) will be explained. Prerequisite: MATH 102. ECON 105 is recommended.
(Staff, Division II: Natural Science)
Not offered in 2010-11.
MATH B231 Discrete Mathematics
An introduction to discrete mathematics with strong applications to computer science. Topics include set theory, functions and relations, propositional logic, proof techniques, recursion, counting techniques, difference equations, graphs, and trees. (Cheng, Division II and Quantitative Skills)
Cross-listed as CMSC B231

MATH B261 Introduction to Harmonic Analysis and Wavelets
A first introduction to harmonic analysis and wavelets. Topics to be covered: Fourier series, Fourier transform, wavelets, and their applications, including signal processing and medical imaging. Prerequisite: MATH 203 or permission of instructor. (Cheng, Division II: Natural Science) Not offered in 2010-11.

MATH B290 Elementary Number Theory
Properties of the integers, divisibility, primality and factorization, congruences, Chinese remainder theorem, multiplicative functions, quadratic residues and quadratic reciprocity, continued fractions, and applications to computer science and cryptography. Prerequisite: MATH 102. (Staff, Division II: Natural Science) Not offered in 2010-11.

MATH B295 Select Topics in Mathematics
This course covers topics that are not part of the standard departmental offerings and varies from semester to semester. Students may take this course more than once. In spring 2011 the topic will be probability and mathematical statistics. This course will introduce the mathematical theory of probability, including density functions and distribution functions, joint and marginal distributions, conditional probability, and expected value and variance. It then will develop the theory of statistics, including parameter estimation and hypothesis testing. The emphasis is on proving results in mathematical statistics rather than on applying statistical methods. Prerequisite: MATH 201 or permission of instructor. (Ross, Division II: Natural Science)

MATH B301, B302 Introduction to Real Analysis I and II
The real number system, elements of set theory and topology, continuous functions, uniform convergence, the Riemann integral, power series, Fourier series and other limit processes. Prerequisite: MATH 201. (Traynor, Division II: Natural Science)

MATH B303, B304 Abstract Algebra I and II
Groups, rings, and fields and their homomorphisms. Quotient groups, quotient rings, and the isomorphism theorems. Standard examples including symmetric groups, free groups, and finitely generated abelian groups; integral domains, PID’s and UFD’s, and polynomial rings; finite and infinite fields. Sylow theory and field extensions. Additional topics may include: Galois theory, modules and canonical forms of matrices, algebraic closures, and localization. Prerequisite: MATH 203. (Grundman, Kasius, Division II: Natural Science)

MATH B304 Abstract Algebra II
Groups, rings, and fields and their homomorphisms. Quotient groups, quotient rings, and the isomorphism theorems. Standard examples including symmetric groups, free groups, and finitely generated abelian groups; integral domains, PID’s and UFD’s, and polynomial rings; finite and infinite fields. Sylow theory and field extensions. Additional topics may include: Galois theory, modules and canonical forms of matrices, algebraic closures, and localization. Prerequisite: MATH 203. (Grundman, Division II: Natural Science)

MATH B308 Applied Mathematics I
In spring 2011, this course will teach students to build models using finite dynamical systems, Boolean networks, linear algebra, abstract algebra, and probabilistic methods. Applications to gene regulation, biochemical reaction networks, DNA sequencing, and phylogenetics will be studied. Prerequisite: MATH 303 or permission of instructor. (Vandiver, Division II: Natural Science)

MATH B311 Partial Differential Equations
Heat and wave equations on bounded and unbounded domains, Laplace’s equation, Fourier series and the Fourier transform, qualitative behavior of solutions, computational methods. Applications to the physical and life sciences. Prerequisite: MATH 301 or permission of instructor. (Staff, Division II: Natural Science) Not offered in 2010-11.

MATH B312 Topology
General topology (topological spaces, continuity, compactness, connectedness, quotient spaces), the fundamental group and covering spaces, introduction to geometric topology (classification of surfaces, manifolds). Typically offered yearly in alternation with Haverford. Corequisite: MATH 301, MATH 303, or permission of instructor. (Melvin, Division II: Natural Science)
MATH B322 Functions of Complex Variables
Analytic functions, Cauchy’s theorem, Laurent series, calculus of residues, conformal mappings, Moebius transformations. Prerequisite: MATH 301 or permission of instructor.
(Staff, Division II: Natural Science)
Not offered in 2010-11.

MATH B390 Number Theory
Algebraic number fields and rings of integers, quadratic and cyclotomic fields, norm and trace, ideal theory, factorization and prime decomposition, lattices and the geometry of algebraic integers, class numbers and ideal class groups, computational methods, Dirichlet’s unit theorem. Prerequisite: MATH 303 or permission of instructor.
(Grundman, Division II: Natural Science)
Not offered in 2010-11.

MATH B395 Research Seminar
A research seminar for students involved in individual or small group research under the supervision of the instructor. With permission, the course may be repeated for credit. Prerequisite: Permission of instructor.
(Staff)

MATH B396 Research Seminar
A research seminar for students involved in individual or small group research under the supervision of the instructor. With permission, the course may be repeated for credit. Prerequisite: Permission of instructor.
(Staff)

MATH B398 Senior Conference
A seminar for seniors majoring in mathematics. Topics vary from year to year.
(Melvin)

MATH B399 Senior Conference
A seminar for seniors majoring in mathematics. Topics vary from year to year.
(Staff)

MATH B403 Supervised Work
(Staff)

MATH 501, 502 Graduate Analysis I and II
(Cheng)

MATH 503, 504 Graduate Algebra I and II
(Grundman).
Not offered in 2010-11.

MATH 505, 506 Graduate Topology I and II
(Melvin, Traynor)

Middle Eastern Studies
Students may complete a concentration in Middle Eastern Studies.

Coordinator
Deborah Harrold, Political Science

Advisory Committee
Amiram Amitai, Hebrew and Judaic Studies
Mehmet-Ali Atac, Classical and Near Eastern Archaeology (on leave semesters I and II)
Peter Magee, Classical and Near Eastern Archaeology (on leave semester II)
Tamara Neuman, Political Science
Marc Ross, Political Science (on leave semester I and II)
Azade Seyhan, German and German Studies (on leave semester II)
Camelia Suleiman, Arabic
Sharon Ullman, History

There are two different tracks for students who wish to concentrate in Middle Eastern Studies.

Track 1
The first track consists of six courses in the Humanities or Social Sciences that focus on the ancient or modern Middle East distributed in the following manner:

a. An introductory course called “Themes in Middle Eastern Society and Culture” This course will be offered every other year by relevant Middle Eastern Studies Institute (MESI) faculty from Bryn Mawr and, where possible, the Tri-Co Community. The course will be taught by at least two faculty members who would follow a broadly defined theme. Possible themes include: Irrigation, Agriculture and Society; History and Collective Memory; Urbanism and Social Transformation; War and Peace, and Literature and Imagination.

b. Three elective Middle Eastern topic courses, including at least one at the 300 level in a specific area to be chosen in consultation with the student's adviser. This area might be defined in terms of conceptual, historical, or geographical interests and, in many cases, will be connected to work in the student’s major.

c. Two additional Middle Eastern topic courses, at least one of which must be in either the humanities or social sciences if a student’s work in (a) and (b) does not include one or the other of these.
d. Of the six courses one must be pre-modern in content.
e. Of the six courses only three may be in the student’s major.

**Track 2**

The second track consists of language study and other courses. Students opting for this track must take the equivalent of two years of study of a modern Middle Eastern language or pass a proficiency exam in one of these languages, whereby they may also meet the standard set for the A.B. degree for the foreign language requirement. Four additional courses distributed as follows are required for the concentration:

a. An introductory course called “Themes in Middle Eastern Society and Culture” as defined above.
b. Three elective Middle Eastern topic courses, which meet the following conditions:
c. One course must be in the social sciences;
d. One course must be in the humanities;
e. At least one course must be at the 310 level to be selected after consultation with the student's adviser so as to expose the student to in-depth study of the Middle East with a geographic, conceptual, or particular historical focus;
f. At least one course must be pre-modern in content.
g. Of the four courses, only two may also form a part of the student’s major.

Middle Eastern Studies courses currently offered at Bryn Mawr include:

**Fall 2010**

ANTH B275 Culture and Society of Middle East  
ARCH B220 Araby the Blest: Archaeology of the Arabian Peninsula  
ARCH B236 The Archaeology of Syria  
ARCH B355 The Achaemenid Empire  
GNST B156 Themes in Middle Eastern Society: The Space of Religion  
POLS B278 Oil, Politics, Society, and Economy

**Spring 2011**

HEBR B110 Israeli Cinema

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**Music**

Students may complete a major or minor in Music at Haverford College.

**Faculty**

Ingrid Arauco, Associate Professor  
Christine Cacioppo, Visiting Instructor  
Curt Cacioppo, Professor  
Richard Freedman, Professor, Chairperson  
Ng Tian Hui, Visiting Instructor of Music and Interim Director of the Choral and Vocal Studies Program  
Heidi Jacob, Associate Professor, Director of the Haverford-Bryn Mawr Orchestral Program  
Thomas Lloyd, Associate Professor, Director of the Haverford-Bryn Mawr Choral Program (on leave semesters I and II)

The music curriculum is designed to deepen understanding of musical form and expression through development of skills in composition and performance joined with analysis of musical works and their place in various cultures. A major in music provides a foundation for further study leading to a career in music.

The composition/theory program stresses proficiency in aural, keyboard and vocal skills, and written harmony and counterpoint. Composition following important historical models and experimentation with contemporary styles are emphasized.

The musicology program, which emphasizes European, North American, and Asian traditions, considers music in the rich context of its social, religious, and aesthetic surroundings.

The performance program offers opportunities to participate in the Haverford-Bryn Mawr Chamber Singers, Chorale, Orchestra, and ensembles formed within the context of Haverford’s chamber music program. Students can receive academic credit for participating in these ensembles (Music 102, 214, 215, 216, and 219). They can also receive credit for Private Study (Music 208, 209, 210) in voice or their chosen instrument.

**Special Programs And Funds**

The Music Department Guest Artists Series presents distinguished and emerging performers in public concerts, master classes, lecture-demonstrations, reading sessions, and informal encounters. Among artists recently featured have been Native American flutist Mary Youngblood, the Deadalus Quartet, pianist Charles Abramovic, violinist Arnold Steinhardt, and the Network for New Music. The William Heartt Reese...
Music Fund was established in 1977 to honor William Heartt Reese, professor of music and conductor of the glee club and orchestra at Haverford from 1947 to 1975. The fund supports applied music lessons for students enrolled in the department’s private study program. The John H. Davison ’51 Fund for Student Composers supports new works by student composers. This fund recognizes John’s 40 years of teaching and musical creativity at Haverford. The Orpheus Prize is awarded for exceptional achievement in the practice of tonal harmony. The Kessinger Family Fund for Asian Performing Arts (administered jointly with the John Huford ’60 Humanities Center) sponsors musical performances and lecture-demonstrations that enrich Haverford’s cross-cultural programs. Since its inception in 1997, the fund has sponsored visits by artists representing traditions of South, Central, and East Asia, and Indonesia.

Major Requirements

1) Theory-composition: 203, 204, 303.

2) Musicology: three courses, as follows: 229, plus any two of 220, 221, 222, 223, 224, and 225 or 325.

3) Two electives in music, chosen from: 207, 220, 221, 222, 223, 224, 225, 246, 250, 251, 265, 266, 304, and 325.

4) Performance: participation in a department-sponsored performance group is required for at least a year. Music 208, 209, or 210 instrumental or vocal private study for one year. Continuing ensemble participation and instrumental or vocal private study are strongly urged.

5) An additional full credit course equivalent is required of music majors in their senior year. The senior experience in music may be fulfilled through an independent study project (usually a composition, performance, or research paper pursued in the context of Music 480) or through enhancement of a regular advanced course offering to include an independent study component. The format of the senior experience will be determined prior to the beginning of the student’s senior year, after consultation with the department.

6) Majors are expected to attend the majority of department-sponsored concerts, lectures, and colloquia.

Minor Requirements

1) Theory-Composition: 203 and 204

2) Musicology: 229, plus any one of 220, 221, 222, 223, 224, and 225 or 325.

3) One elective chosen from: 207, 220, 221, 222, 223, 224, 225, 246, 250, 251, 265, 266, 304, and 325.

4) Music 208, 209, 210 instrumental or vocal private study or department ensemble participation for one year. Continuing ensemble participation and instrumental or vocal private study are strongly urged.

5) Minors are expected to attend the majority of department-sponsored concerts, lectures, and colloquia.

Substitutions for Haverford College courses in fulfillment of the major or minor in music must be approved in advance by the music department.

Requirements for Honors

Departmental Honors or High Honors will be awarded on the basis of superior work in music courses combined with exceptional accomplishment in the senior experience.

THEORY AND COMPOSITION

MUSC H110 Musicianship and Literature

Intensive introduction to the notational and theoretical materials of music, complemented by work in sight-singing and keyboard harmony. Discussion of musical forms and techniques of melody writing and harmonization; short projects in composition.

(Arauco)

MUSC H203 Tonal Harmony I

The harmonic vocabulary and compositional techniques of Bach, Haydn, Mozart, Beethoven, Schubert, and others. Emphasis is on composing melodies, constructing phrases, and harmonizing in four parts. Composition of minuet and trio, set of variations, or other homophonic piece is the final project. Three class hours plus laboratory period covering related aural and keyboard harmony skills. Prerequisite: Music 110 or consent.

(Cacioppo)

MUSC H204 Tonal Harmony II

Continuation of Music 203, introducing chromatic harmony and focusing on the development of sonata forms from the Classical through the Romantic period. Composition of a sonata exposition is the final project. Three class hours plus laboratory period covering related aural and keyboard harmony skills. Prerequisite: Music 203 (Arauco)

MUSC H265 Symphonic Technique and Tradition

In this course, we will be familiarizing ourselves with significant orchestral repertory of the past three centuries, learning to read the orchestral score, studying the capabilities of various orchestral instruments and how they are used together, and tracing the evolution of orchestral writing and orchestral forms from the Classical period to the present. Short exercises in scoring for orchestra; final project is a presentation on a major orchestral work of your choice. Prerequisite: Music 203.

(Arauco)

Not offered in 2010-11.
MUSC H266 Composition
An introduction to the art of composition through weekly assignments designed to invite creative, individual responses to a variety of musical ideas. Scoring for various instruments and ensembles; experimentation with harmony, form, notation and text setting. Weekly performance of student pieces; end-of-semester recital. 
Prerequisite: Music 204 or consent of instructor. 
(Arauco)
Not offered in 2010-11.

MUSC H303 Advanced Tonal Harmony
Study of late nineteenth-century harmonic practice in selected works of Liszt, Wagner, Brahms, Faure, Wolf, Debussy, and Mahler. Exploration of chromatic harmony through analysis and short exercises; 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: Music 204 (Arauco)

MUSC H304 Counterpoint
18th century contrapuntal techniques and forms with emphasis on the works of J. S. Bach. Canon; composition of two-part invention; fugal writing in three parts; chorale prelude; analysis. Three class hours plus laboratory period covering related aural and keyboard harmony skills. Prerequisite: Music 204 (Cacioppo)

MUSC H325 Seminar in 20th Century Theory and Practice
Classic and contemporary 20th-century composers, works, and trends, with reference to theoretical and aesthetic writings and the broader cultural context. Prerequisite: Music 303a or 224 (Arauco)

Performance
MUSC H102 Chorale
Chorale is a large mixed chorus that performs major works from the oratorio repertoire with orchestra. 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. Prerequisite: Audition and consent of the instructor. (Hui)

MUSC H107 Introductory Piano
Music 107 is an introduction to music and the art of playing the piano. The course consists of a weekly hour long session on Tuesday evenings (lecture, directed listening, or playing workshop) plus an individual lesson of 20 minutes at an arranged time. A short paper on the listening assignments is required, as is playing on the class recital at the end of the term (these together will comprise the final exam). Enrollment limited to 16 students (5 spaces for majors/minors). (Cacioppo)

MUSC H207 Topics in Piano: J.S. Bach
Prerequisite: Audition and consent of instructor (Cacioppo)

MUSC H208 Private Study: Instrumental
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. All students in the private study program perform for a faculty jury at the end of the semester. Students assume the cost of their private lessons, but may apply for private study subsidies at the beginning of each semester’s study through the department. Prerequisite: Departmental audition & consent of supervisor (Jacob)

MUSC H209 Private Study: Voice
10 hour-long voice lessons with approved teachers for 1/2 credit, graded. Jury exam at end of semester. Must participate in Chorale or Chamber Singers the same semester to be eligible for credit or partial subsidy for cost of lessons, which is not covered by tuition Prerequisite: Departmental audition & consent of supervisor (Hui)

MUSC H210 Private Study: Piano and Organ
Prerequisite: Departmental audition and consent of supervisor. (Cacioppo)

MUSC H214 Chamber Singers
Chamber Singers is 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. Attendance required at three 80-minute rehearsals weekly. Prerequisite: Audition and consent of instructor (Hui)
MUSC H215 Chamber Music

Intensive rehearsal of works for small instrumental groups, with supplemental research and listening assigned. Performance is required. The course is available to those who are concurrently studying privately, or who have studied privately immediately prior to the start of the semester. **Prerequisite:** Audition and consent of instructor
(Jacob)

MUSC H216 Orchestra

For students participating in the Haverford-Bryn Mawr Orchestra, this course addresses the special musical problems of literature rehearsed and performed during the semester. **Prerequisite:** Audition and consent of instructor
(Jacob)

MUSC H219 Art Song

A performance course devoted to the French, German, English, and American art song literature from Schubert to the present. Weekly performance classes will be accompanied by weekly individual coachings with the instructor, culminating in a public recital at the end of the semester. **Prerequisite:** Audition and consent of instructor
(Hui)

MUSICOLOGY

MUSC H111 Introduction to Western Music

A survey of the European musical tradition from the middle ages to modern times. Students will hear music by Monteverdi, Bach, Mozart, Beethoven, Wagner, Stravinsky, Glass, among many others, developing both listening skills and an awareness of how music relates to the culture that fosters it. In addition to listening and reading, students will attend concerts and prepare written assignments.
(Freedman)

MUSC H220 Saints and Sinners. Musical Europe before 1400

The course will explore music and its cultural uses in Medieval Europe. We will study the main genres and forms of in secular and sacred contexts, from monasteries, convents, and cathedrals, to courts and cities. We will trace the changing character of music itself, from plainsong to polyphonic and from troubadour tunes to art song of the 14th century. We will study transformations in musical notation, theoretical underpinnings of musical time and counterpoint, and the status of music itself in the divine cosmos. **Prerequisite:** Any full-credit course in Music (such as Music 110, 111, 229, 203), or equivalent prior experience in musical study.
(Freedman)

MUSC H221 Music, Ritual, and Representation. 1400-1600

Music of the 12th through 16th centuries, emphasizing changing approaches to composition, notation, and expression in works by composers such as Hildegard von Bingen, Guillaume de Machaut, Josquin Desprez, and Orlando di Lasso, among many others. Classroom assignments will consider basic problems raised by the study of early music: questions of style and structure, debates about performance practice, and issues of cultural history. Extensive reading and listening culminating in individual research or performance projects. **Prerequisite:** Music 110 or 111 or consent of instructor.
(Freedman)

MUSC H222 Composers, Players, and Listeners in the 17th and 18th centuries

This course traces sharp changes in musical style and the equally striking changes in roles for soloists, composers, and audiences in an international context of patronage and publishing. From Monteverdi, Schütz and Lully to Rameau, Bach, and Handel. **Prerequisite:** Music 110 or 111 or consent of instructor
(Freedman)

Not offered in 2010-11.

MUSC H223 Between Galant and Learned: Musical Life and the Enlightenment

This course ranges from the conservatories of Naples to opera houses of Vienna and Paris. Music by Pergolesi, Gluck, Haydn, Mozart, the young Beethoven, and many others; debates on music and language; the craft of composition; private patrons and public music; music and social change. **Prerequisite:** Music 110 or 111 or consent of instructor
(Freedman)

Not offered in 2010-11.

MUSC H224 Music, Myth, and Meaning in the 19th Century

An exploration of songs, operas, piano music and symphonic works of Berlioz, Liszt, Schubert, the Schumanns, Loewe, Wagner, Verdi, Dvorak, Mahler, and Brahms in the rich landscape of literary Romanticism and nationalism; philosophies of music and music history. **Prerequisite:** Music 110 or 111, or consent of instructor
(Freedman)

Not offered in 2010-11.
MUSC H229 Thinking about Music: Ideas, History, and Musicology

Students will 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, Tonality, Sense, and Reason. Each unit will use a small number of musical works, performances, or documents as focal points. In each unit we will also read current musicological work in attempt to understand the methods, arguments, and perspectives through which scholars interpret music and its many meanings. Prerequisite: Musc 110, 203, or equiv prior knowledge of music. (Freedman)

MUSC H246 Words and Music: Wagner’s Ring and the Modern World

(Freedman)

Not offered in 2010-11.

MUSC H250 WORDS AND MUSIC. Topic: Words, Tones, and Images

Prerequisite: One 100-level course in Music or consent. (Cacioppo)

Cross-listed in Comparative Literature

MUSC H257 Sociology of the Arts

(McCormick)

Cross-listed in Sociology

Typically offered in alternate years. Not offered in 2010-11.

MUSC H480 Independent Study

Prerequisite: Approval of department and consent of instructor. (Arauco, Cacioppo, Freedman, Jacob)

DIVERSE TRADITIONS

MUSC H227 Jazz and the Politics of Culture

A study of jazz and its social meanings. Starting with an overview of jazz styles and European idioms closely bound to jazz history, the course gives students a basic aural education in musical forms, the process of improvisation, and the fabric of musical performance in the context of how assumptions about order and disorder in music reflect deeply-felt views about society and culture. Enrollment limited to 35 students. Prerequisite: Sophomore standing or higher. (Freedman)

Cross-listed in African and Africana Studies

Not offered in 2010-11.

Neural and Behavioral Sciences

Students may complete a concentration in Neural and Behavioral Sciences within the majors of biology and psychology.

Coordinator

Rebecca Compton, Chair and Associate Professor of Psychology at Haverford College

Faculty at Bryn Mawr College

Douglas Blank, Computer Science (on leave semester II)

Peter D. Brodfuehrer, Concentration Adviser for Biology

Karen Greif, Biology

Paul Grobstein, Biology

Deepak Kumar, Computer Science

Leslie Rescorla, Psychology (on leave semester II)

Anjali Thapar, Psychology

Earl Thomas, Concentration Adviser for Psychology

Faculty at Haverford College

Rebecca Compton, Psychology

Andrea Morris, Concentration Adviser for Biology

Wendy F. Sternberg, Concentration Adviser for Psychology

The desire to understand human and animal behavior in terms of nervous system structure and function is long standing. Historically, this task has been approached from a variety of disciplines including medicine, biology, psychology, and physiology. The field of neuroscience emerged as an interdisciplinary approach, combining techniques and perspectives from these disciplines to yield new insights into the workings of the nervous system and behavior.

The concentration in Neural and Behavioral Sciences is designed to allow students to pursue their interests in behavior and the nervous system across disciplines. The concentration is offered by the Departments of Biology and Psychology at Bryn Mawr and the Departments of Biology and Psychology at Haverford College. Students undertaking the concentration must major in one of these four departments.

The concentration consists of two components. Students must satisfy the requirements of the department in which they major, with appropriate modifications related to the concentration (consult departmental advisers listed above). For the concentration itself, students must...
take a series of courses that represent the background in the neural and behavioral sciences and other sciences common to all approaches to the nervous system and behavior.

**Concentration Requirements**

1. One semester of introductory coursework in Biology and Psychology (with lab)
2. One of the following courses in neural and behavioral sciences:
   - Neurobiology and Behavior (BIOL 202 at Bryn Mawr)
   - Behavioral Neuroscience (PSYC 218 at Bryn Mawr)
   - Biological Psychology (PSYC 217 at Haverford)

Requirements 1 and 2 must be completed before the senior year.

3. Two semesters of senior research (BIOL 401, PSYC 401 at Bryn Mawr).
4. Senior Seminar for concentrators (BIOL 396, PSYC 396 at Bryn Mawr).
5. Participation in faculty-student concentration events (approximately two per semester).
6. Three courses from the list below or a course approved by the student’s major department, with at least two courses drawn from outside the student’s major department.

**List of Courses**

Note—not all courses are offered in a given year and two half-semester courses equal one full-semester course

**Psychology**
- B209 Abnormal Psychology
- B212 Human Cognition
- H213 Memory and Cognition
- H220 Psychology of Time
- H238 Psychology of Language
- H240 Psychology of Pain and Pain Inhibition
- H250 Biopsychology of Emotion and Personality
- H260 Cognitive Neuroscience
- B323 Cognitive Neuroscience
- B350 Developmental Cognitive Disorders
- B351 Developmental Psychopathology
- H370 Neuroscience of Mental Illness
- B395 Psychopharmacology

**Biology**
- H187 Computing Across the Sciences
- B250 Computational Models in the Sciences
- B271 Developmental Biology
- B303 Animal Physiology
- B304 Cell and Molecular Neurobiology
- H306 Inter and Intra Cellular Communication (half-semester course)
- H309 Molecular Neurobiology (half-semester course)
- H312 Development and Evolution (half-semester course)
- B313/314 Integrative Organismal Biology I and II
- B321 Neuroethology
- B322 From Channels to Behavior
- H350 Pattern Formation in the Nervous System (half-semester course)
- B364 Developmental Neurobiology

**Allied disciplines**

**Computer Science**
- B120 Visualizing Information
- B250 Computational Models in the Sciences
- B325 Computational Linguistics
- B361 Emergence
- B371 Cognitive Science
- B372 Introduction to Artificial Intelligence
- B376 Androids: Design and Practice
- B380 Developmental Robotics

**Linguistics**
- H113 Introduction to Syntax
- H114 Introduction to Semantics
- H245 Phonetics and Phonology

**Philosophy**
- H106 The Philosophy of Consciousness and the Problem of Embodiment
- H251 Philosophy of Mind
Peace, Conflict, and Social Justice Studies

Students may complete a concentration in Peace, Conflict, and Social Justice Studies.

Advisory Faculty

Michael Allen, Political Science (on leave semester II)
Allison Cook-Sather, Education
Deborah Harrold, Political Science
Tamara Neuman, Anthropology
Clark R. McCauley, Jr., Psychology
Mary J. Osirim, Sociology (on leave, semester I)
Michael T. Rock, Economics (on leave, semester II)
Marc Howard Ross, Political Science (on leave semester I and II)

The Peace, Conflict, and Social Justice Studies program reflects Bryn Mawr’s interest in the study of war and other conflicts, peacemaking, and social justice and enables students to explore these questions through courses in anthropology, economics, education, history, political science, social psychology, sociology and disciplines in the humanities in which these are important questions as well. The concentration offers students the opportunity to sustain a thematic focus across disciplinary boundaries and to enrich their major program in the process.

Students in the concentration can pursue a wide range of theoretical and substantive interests concerning questions such as: intra-state and international causes of conflict; cooperative and competitive strategies of negotiation and bargaining; intergroup relations and the role of culturally constituted institutions and practices in conflict management; social movements; protests and revolutions; the role of religion in social conflict and its mitigation; human rights and transitional justice in post-conflict societies; and social justice and identity questions arising from ethnic, religious and cultural diversity and the implications of these constructions for the distribution of material and symbolic resources in society as well as the practical capacities to engage individuals and groups across constructions of difference by linking practice and theory.

Students in the concentration are encouraged to explore alternative conceptions of peace and social justice in different cultural contexts and historical moments by emphasizing the connections between the intellectual scaffolding needed to analyze the construction of social identities and the social, political and economic implications of these constructions for the distribution of material and symbolic resources within and between societies and the challenges and opportunities to engage individuals and groups to move their communities and societies towards peace and social justice.

Concentration Requirements

Students who wish to take the concentration meet with a faculty advisor by the spring of their sophomore year to develop a plan of study. All concentrators are required to take three core courses: the introductory course, Introduction to Peace and Conflict Studies at Bryn Mawr or Introduction to Peace, Social Justice and Human Rights at Haverford, 200 level course (Conflict and Conflict Management, International Law, Politics of Humanitarianism, or Forgiveness, Mourning, and Mercy in Law and Politics), and either Advanced Issues in Peace, and Conflict Studies or complete a project involving community participation and reflection by participation in bi-semester meetings, attendance at lectures/workshops, and development of a portfolio in their junior and senior years. This constellation of this second option earns students a single credit that is awarded upon the successful completion of all components.

In addition, students are required to take three additional courses chosen in consultation with their advisor, working out a plan that focuses this second half of their concentration regionally, conceptually or around a particular substantive problem. These courses might include international conflict and resolution; social justice, diversity and identity, ethnic conflict in general or in a specific region of the world (e.g. Southern Africa, the Middle East, Northern Ireland); a theoretical approach to the field, such as nonviolence, social justice movements, bargaining or game theory; an applied approach, such as reducing violence among youth, the arts and peacemaking, community mediation or a particular policy question such as immigration or bilingual education.

Peace, Conflict, and Social Justice Studies courses currently available at Bryn Mawr include:

Fall 2010

ANTH B200  The Atlantic World 1492-1800: Indians, Europeans, and Africans
ANTH B275  Cultures and Societies of the Middle East
ANTH B337  Colonial Formations
ANTH B382 Religious Fundamentalism in the Global Era
HIST B200  The Atlantic World 1492-1800: Indians, Europeans, and Africans
POLS B141  International Politics
POLS B211  Politics of Humanitarianism
Philosophy

Students may complete a major or minor in Philosophy.

Faculty

John Andrew Brook, Visiting Professor
Robert J. Dostal, Professor (on leave semester I)
Christine M. Koggel, Professor and Chair
Michael Krausz, Professor (on leave semester II)
Bharath Vallabha, Assistant Professor

The Department of Philosophy introduces students to some of the most compelling answers to questions of human existence and knowledge. It also grooms students for a variety of fields that require analysis, conceptual precision, argumentative skill, and clarity of thought and expression. These include administration, the arts, business, computer science, health professions, law, and social services. The major in Philosophy also prepares students for graduate-level study leading to careers in teaching and research in the discipline.

The curriculum focuses on three major areas: the systematic areas of philosophy, such as logic, theory of knowledge, metaphysics, ethics, and aesthetics; the history of philosophy through the study of key philosophers and philosophical periods; and the philosophical explication of methods in such domains as art, history, religion, and science.

The department is a member of the Greater Philadelphia Philosophy Consortium comprising 13 member institutions in the Delaware Valley. It sponsors conferences on various topics in philosophy and an annual undergraduate student philosophy conference.

Major Requirements

Students majoring in Philosophy must take a minimum of 11 semester courses in the discipline and attend the monthly noncredit departmental colloquia which feature leading visiting scholars. The following five courses are required for the major: the two-semester Historical Introduction (PHIL 101 and 102); Ethics (PHIL 221); Theory of Knowledge (PHIL 211), Metaphysics (PHIL 212), or Logic (PHIL 103); and Senior Conference (PHIL 398 and PHIL 399). At least three other courses at the 300 level are required, one of which must concentrate on the work of a single philosopher or a period of philosophy.

Philosophy majors are encouraged to supplement their philosophical interests by taking advantage of courses offered in related areas, such as anthropology, history, history of art, languages, literature, mathematics, political science, psychology, and sociology.

Spring 2011

ANTH B111 Introduction to Peace and Conflict Studies
ANTH B347 Advanced Issues in Peace and Conflict Studies
POLS B206 Conflict Management: A Cross-Cultural Approach
POLS B379 The United Nations and World Order
PSYC B358 Political Psychology of Ethnic Conflict

Peace, Conflict, and Social Justice Studies courses currently available at Haverford include:

Fall 2010

ICPR H301 Human Rights: Development and International Activism
PEAC H101 Introduction to Peace, Justice, and Human Rights
PEAC H202 Forgiveness, Mourning, and Mercy in Law and Politics
POLS H151 International Politics
POLS H235 African Politics
POLS H334 Politics of Violence

Spring 2011

HIST H208 Colonial Latin America
HIST H240 History and Principles of Quakerism
ICPR H281 Violence and Public Health
PEAC H201 Applied Ethics of Peace, Justice, and Human Rights
SOCL H235 Class, Race, and Education
Honors

Honors will be awarded by the department based on the senior thesis and other work completed in the department. The Milton C. Nahm Prize in Philosophy is a cash award presented to the graduating senior major whose senior thesis the department judges to be of outstanding caliber. This prize need not be granted every year.

Minor Requirements

Students may minor in Philosophy by taking six courses in the discipline at any level. They must also attend the monthly noncredit departmental colloquia.

Cross-Registration

Students may take advantage of cross-registration arrangements with Haverford College, Swarthmore College, and the University of Pennsylvania. Courses at these institutions may satisfy Bryn Mawr requirements, but students should check with the chair of the department to make sure specific courses meet requirements.

Prerequisites

No introductory-level course carries a prerequisite. However, most courses at both the intermediate and advanced levels carry prerequisites. Unless stated otherwise in the course description, any introductory course satisfies the prerequisite for an intermediate-level course, and any intermediate course satisfies the prerequisite for an advanced-level course.

PHIL B103 Introduction to Logic

Logic is the study of formal reasoning, which concerns the nature of valid arguments and inferential fallacies. In everyday life our arguments tend to be informal and sometimes imprecise. The study of logic concerns the structure and nature of arguments, and so helps to analyze them more precisely. Topics will include: valid and invalid arguments, determining the logical structure of ordinary sentences, reasoning with truth-functional connectives, and inferences involving quantifiers and predicates. This course does not presuppose any background knowledge in logic.

(Vallabha)

PHIL B104 Introduction to Problems in Philosophy

This problems oriented course introduces students to a broad range of philosophical issues, including those in the theory of knowledge, ethics, aesthetics, philosophy of mind, philosophy of science, philosophy of history, and philosophy of religion. Topics include the nature of knowledge, language and truth, relativism and absolutism, cross cultural understanding, human and artificial intelligence, freedom and determinism, the physical and the mental, and aesthetic and religious experience. This course sketches a landscape of the discipline and orients students for future work in the field. Texts are drawn from contemporary readings.

(Krausz, Division III: Humanities)

Not offered in 2010-11.

PHIL B202 Culture and Interpretation

A study of methodological and philosophical issues associated with interpreting alternative cultures, including whether ethnocentrism is inevitable, whether alternative cultures are found or imputed, whether interpretation is invariably circular or relativistic, and what counts as a good reason for one cultural interpretation over another.

(Krausz, Division III: Humanities)

Cross-listed as COML B202

Not offered in 2010-11.

PHIL B204 Readings in German Intellectual History

(Seyhan, Division III: Humanities)

Cross-listed as GERM B212

Not offered in 2010-11.

PHIL B209 Introduction to Literary Analysis: Philosophical Approaches to Criticism

(Seyhan, Division III: Humanities)

Cross-listed as GERM B209

Cross-listed as COML B209

Not offered in 2010-11.
PHIL B211 Theory of Knowledge

Varieties of realism and relativism address questions about what sorts of things exist and the constraints on our knowledge of them. The aim of this course is to develop a sense of how these theories interrelate, and to instill philosophical skills in the critical evaluation of them. Discussions will be based on contemporary readings.

(Krausz, Division III: Humanities)

PHIL B212 Metaphysics

Metaphysics is inquiry into basic features of the world and ourselves. This course considers two topics of metaphysics, free will and personal identity, and their relationship. What is free will and are we free? Is freedom compatible with determinism? Does moral responsibility require free will? What makes someone the same person over time? Can a person survive without their body? Is the recognition of others required to be a person?

(Vallabha, Division III: Humanities)

Not offered in 2010-11.

PHIL B221 Ethics

An introduction to ethics by way of an examination of moral theories and a discussion of important ancient, modern, and contemporary texts which established these theories: virtue ethics, deontology, utilitarianism, emotivism, care ethics. This course considers questions concerning freedom, responsibility, and obligation. What is the relation of ethics to religion? How should we think about ethics in a global context? Is ethics independent of culture? A variety of practical questions will be considered.

(Dostal, Koggel, Division III: Humanities)

PHIL B222 Aesthetics Nature and Experience of Art

Prerequisite: One introductory course in philosophy. Here are some questions we will discuss in this course: What sort of thing is a work of art? Can criticism in the arts be objective? Do such cultural entities answer to more than one admissible interpretation? What is the role of a creator’s intentions in fixing upon admissible interpretations? What is the nature of aesthetic experience? What is creativity in the arts? Readings will be drawn from contemporary sources from the analytic and continental traditions, including John Dewey’s Art as Experience, and works in Gary Iseminger, ed., Intention and Interpretation.

(Krausz, Division III: Humanities)

Cross-listed as COML B222

Not offered in 2010-11.

PHIL B225 Global Ethical Issues

The need for a critical analysis of what justice is and requires has become urgent in a context of increasing globalization, conflict and war, poverty and environ-mental devastation. This course examines prevailing theories and issues of justice as well as approaches by non-western, post-colonial, feminist, race, class, and disability theorists. Counts toward International Studies Minor and Gender and Sexuality concentration.

(Koggel, Division III: Humanities)

Cross-listed as POLS B225,

PHIL B228 Introduction to Political Philosophy: Ancient and Early Modern

(Salkiever, Division III: Humanities)

Cross-listed as POLS B228

Not offered in 2010-11.

PHIL B229 Concepts of the Self

In this course, we will discuss several related philosophical questions about the nature of the self, introspection, self-knowledge, and personal identity. What kind of thing is the self? Is the self identical with your body or something distinct from it? What is introspection? What are you conscious of when you are self-conscious? How does knowledge of your own thoughts, sensations, and desires differ from other kinds of knowledge? What kinds of changes can you undergo and still remain the same person you were before? We will address these issues by reading work from both historical and contemporary sources.

(Staff, Division III: Humanities)

Not offered in 2010-11.

PHIL B231 Introduction to Political Philosophy: Modern

(Salkiever, Division III: Humanities)

Cross-listed as POLS B230

PHIL B238 Science, Technology and the Good Life

This course considers questions concerning what is science, what is technology, and what is their relationship to each other and to the domains of ethics and politics. We will consider how modern science defined itself in its opposition to Aristotelian science. We will examine the Cartesian and Baconian scientific models and the self-understanding of these models with regard to ethics and politics. Developments in the philosophy of science will be considered, e.g., positivism, phenomenology, feminism, sociology of science. Biotechnology and information technology illustrate fundamental questions. The “science wars” of the 1990s provide debates concerning science, technology, and the good life.

(Dostal, Division III: Humanities)

Cross-listed as POLS B238

Not offered in 2010-11.

PHIL B240 Environmental Ethics

This course surveys rights- and justice-based justifications for ethical positions on the environment. It
Philosophy examines approaches such as stewardship, intrinsic value, land ethic, deep ecology, ecofeminism, Asian and aboriginal. It explores issues such as obligations to future generations, to nonhumans and to the biosphere. Counts toward Environmental Studies concentration.
(Brook, Division III: Humanities)
Cross-listed as POLS B240

PHIL B243 Twentieth-Century Continental Philosophy
Surveys 20th-century continental philosophy: phenomenology, existentialism, hermeneutics, Marxism and the Frankfurt school, structuralism, and post-structuralism and deconstruction. Themes include meaning and truth, the basis for ethics and politics, embodiment, language, the “other,” and feminism. Philosophers discussed include Derrida, Foucault, Gadamer, Habermas, Heidegger, Husserl, Merleau-Ponty, and Sartre. Prerequisite: PHIL B101 or PHIL B201.
(Dostal, Division III: Humanities)
Not offered in 2010-11.

PHIL B244 Philosophy and Cognitive Science
Cognitive science is a multidisciplinary approach to the study of human cognition. It goes from the abstract study of concepts of cognition at one end to well-defined empirical research into language and cognition and the specifics of cognitive modeling on computers at the other. Philosophy, linguistics, psychology, computer science, and neuroscience are the major contributors to cognitive science. Philosophy both contributes to and examines cognitive science.
(Brook, Division III: Humanities)

PHIL B245 Philosophy of Law
(Elkins, Division I: Social Science)
Cross-listed as POLS B245

PHIL B252 Feminist Theory
Beliefs that gender discrimination has been eliminated and women have achieved equality have become commonplace. We challenge these assumptions examining the concepts of patriarchy, sexism, and oppression. Exploring concepts central to feminist theory, we attend to the history of feminist theory and contemporary accounts of women’s place and status in different societies, varied experiences, and the impact of the phenomenon of globalization. We then explore the relevance of gender to philosophical questions about identity and agency with respect to moral, social and political theory. Prerequisite: one course in philosophy or permission of instructor.
(Koggel, Division III: Humanities)
Cross-listed as POLS B253
Not offered in 2010-11.

PHIL B253 Theory in Practice: Humanities
(Higginson, Division III: Humanities)
Cross-listed as FREN B213
Cross-listed as COML B213
Cross-listed as GERM B213

PHIL B254 Philosophy of Religion
An introduction to principle topics in the philosophy of religion: Does God exist? Is belief in God compatible with reason and science? Is God’s existence compatible with deep suffering and pain? Does the fact that there are many religions show that there is no religious truth? Includes readings eastern and western traditions and from analytic and continental philosophy. Authors will include Aquinas, Aurobindo, Dalai Lama, Dennett, James, Kierkegaard and Wittgenstein.
(Vallabha, Division III: Humanities)
Not offered in 2010-11.

PHIL B257 Philosophy of Action
What are actions? How are they related to mental states such as beliefs and desires and the physical environment? This course considers three important contemporary theories of action: Davidson’s causal theory; Anscombe’s neo-Aristotelian view; and Frankfurt’s hierarchical theory. Topics include: free will; the nature of intentions; an agent’s knowledge of her actions; and the weakness of the will. Prerequisite: At least one course in philosophy. Prerequisite: at least one course in philosophy.
(Vallabha, Division III: Humanities)
Not offered in 2010-11.

PHIL B259 Philosophy, Modern Physics and Ideals of Interpretation
In the modern era, interpretive ideals like objectivity, certainty and causality have been intensely scrutinized. Must there be a fact of the matter independently of all interpretive practices? Must there be a single right interpretation for all physical and cultural phenomena? Various readings will explore these and other questions. Prerequisite: One course in Philosophy or Physics or permission of an instructor. Sophomore standing.
(Krausz, McCormack, Division III: Humanities)
Not offered in 2010-11.

PHIL B263 Theory and Global Politics
(Staff, Division III: Humanities)
Cross-listed as POLS B263
Not offered in 2010-11.

PHIL B293 The Play of Interpretation
(Seyhan, Division III: Humanities)
Cross-listed as COML B293
Cross-listed as ENGL B292
PHIL B300 Nietzsche, Kant, Plato: Modes of Practical Philosophy  
(Salkever, Division III: Humanities)  
Cross-listed as POLS B300  
Not offered in 2010-11.

PHIL B310 Philosophy of Science  
An examination of positivistic science and its critics. Topics include the possibility and nature of scientific progress from relativistic perspectives.  
(Krausz, Division III: Humanities)  
Cross-listed as BIOL B310  
Not offered in 2010-11.

PHIL B314 Existentialism  
The course examines the philosophical roots and development of existentialism through selected readings (including novels and plays where relevant) in the works of Simone de Beauvoir, Camus, Heidegger, Jaspers, Kierkegaard, Marcel, Nietzsche, and Sartre. The focus will be on the main features of the existentialist outlook, including treatments of freedom and choice, the person, subjectivity and intersubjectivity, being, time, and authenticity.  
(Staff, Division III: Humanities)  
Not offered in 2010-11.

PHIL B317 Philosophy of Creativity  
This course will address the following questions: What are the criteria of creativity? Is explaining creativity possible? Should we understand creativity in terms of persons, processes or products? What is the relation between creativity and skill? What is genius? What is creative imagination? Is there a difference between creativity in the arts and creativity in the sciences? What is the relation between the context of discovery and the context of justification? What is the relation between tradition and creativity? Is there a significant relationship between creativity and self-transformation?  
(Krausz, Division III: Humanities)

PHIL B319 Topics in Philosophy of Mind  
Emotions such as love, happiness, envy, boredom and excitement are central to our experience. This seminar questions: What is the nature and phenomenology of emotions? Can there be unconscious emotions? Are emotions in the brain, or are they forms of behavior? Are emotions guided by reason, or are they beyond the control of reason? Readings will include Damasio, Freud, James, Nussbaum, Sartre and Solomon. Prerequisite: At least one course in philosophy.  
(Vallabha, Division III: Humanities)  
Not offered in 2010-11.

PHIL B320 Kant  
Prerequisite: PHIL 201 or the equivalent. The significance of Kant’s transcendental philosophy for thought in the 19th and 20th centuries cannot be overstated.
His work is profoundly important for both the analytical and the so-called “continental” schools of thought. This course will provide a close study of Kant’s breakthrough work: *The Critique of Pure Reason*. We will read and discuss the text with reference to its historical context and with respect to its impact on developments in epistemology, philosophy of mind, philosophy of science, philosophy of religion as well as developments in German Idealism and 20th-century phenomenology.

(Dostal, Division III: Humanities)

**PHIL B338 Phenomenology: Heidegger and Husserl**

This upper-level seminar will consider the two main proponents of phenomenology—a movement in philosophy in the 20th century that attempted to restart philosophy in a radical way. Its concerns are philosophically comprehensive: ontology, epistemology, philosophy of science, ethics, and so on. Phenomenology provides the important background for other later developments in 20th-century philosophy and beyond: existentialism, deconstruction, post-modernism. This seminar will focus primarily on Edmund Husserl’s *Crisis of the European Sciences* and Martin Heidegger’s *Being and Time*. Other writings to be considered include some of Heidegger’s later work and Merleau-Ponty’s preface to his *Phenomenology of Perception*.

(Dostal, Division III: Humanities)

*Not offered in 2010-11.*

**PHIL B344 Development Ethics**

This course explores the meaning of and moral issues raised by development. In what direction and by what means should a society “develop”? What role, if any, does the globalization of markets and capitalism play in processes of development and in systems of discrimination on the basis of factors such as race and gender? Answers to these sorts of questions will be explored through an examination of some of the most prominent theorists and recent literature. Prerequisites: a philosophy, political theory or economics course or permission of the instructor. Counts toward International Studies minor and Gender and Sexuality concentration.

(Koggel, Division III: Humanities)

Cross-listed as POLS B344

**PHIL B347 Philosophy of Perception**

A discussion of several issues in the philosophy of perception. What exactly do we perceive? What is the role of concepts in our experience? What is the relation between perceptual experience and empirical judgment? Does our capacity to think depend on our ability to perceive?

(Staff, Division III: Humanities)

*Not offered in 2010-11.*

**PHIL B349 Social and Political Theory**

(Staff Division I or Division III)

Cross-listed as SOCL B349

*Not offered in 2010-11.*

**PHIL B352 Feminism and Philosophy: Feminist Ethics**

One of the most important feminist contributions to theory is its uncovering of the ways in which theory in the Western tradition has a hidden male bias. This course will explore feminist critiques of traditional moral theory by examining early accounts of an ethic of care that challenge the ethic of justice that has dominated moral theory in the liberal tradition. We then turn to feminist revisions to and expansions of these early accounts—including work exploring the implications and applications of feminist ethics in the contemporary global context. Counts toward Gender and Sexuality concentration.

(Koggel, Division III: Humanities)

Cross-listed as POLS B352

**PHIL B371 Topics in Legal and Political Philosophy**

(Elkins, Division I or Division III)

Cross-listed as POLS B371

*Not offered in 2010-11.*

**PHIL B372 Introduction to Artificial Intelligence**

(Kumar, Division II and Quantitative Skills)

Cross-listed as CMSC B372

*Not offered in 2010-11.*

**PHIL B373 Spinoza**

(Elkins)

Cross-listed as POLS B373

*Not offered in 2010-11.*

**PHIL B398 Senior Seminar**

Senior majors are required to write an undergraduate thesis on an approved topic. The senior seminar is a two-semester course in which research and writing are directed. Seniors will meet collectively and individually with the supervising instructor.

(Vallabha, Division III: Humanities)

**PHIL B399 Senior Seminar**

The senior seminar is a required course for majors in Philosophy. It is the course in which the research and writing of an undergraduate thesis is directed both in and outside of the class time. Students will meet sometimes with the class as a whole and sometimes with the professor separately to present and discuss drafts of their theses.

(Vallabha, Division III: Humanities)

**PHIL B403 Supervised Work**

(Staff)
Physics

Students may complete a major or minor in Physics. Within the major, students may complete a minor in educational studies or complete the requirements for secondary education certification. Students may complete an M.A. in the combined A.B./M.A. program.

Faculty
Peter A. Beckmann, Professor and Chair
Xuemei Cheng, Assistant Professor
Daniel Cross, Lecturer
Mark Matlin, Senior Lecturer
Elizabeth McCormack, Dean of Graduate Studies and Professor
Michael Noel, Associate Professor (on leave semester I)
Michael B. Schulz, Assistant Professor (on leave semesters I and II)
Stephanie Lim, Bucher-Jackson Postdoctoral Fellow

The courses in Physics emphasize the concepts and techniques that have led to our present way of modeling the physical world around us. They are designed both to relate the individual parts of physics to the whole and to treat the various subjects in depth. Opportunities exist for interdisciplinary work and for participation by qualified majors in research with members of the faculty and their graduate students. In addition, qualified seniors may take graduate courses.

Required Introductory Courses for the Major and Minor

The introductory courses required for the physics major and minor are PHYS 121 and PHYS 122 (or PHYS 101 and 102) and MATH 101 and MATH 102. Although College credit is given for a score of 4 or 5 on the AP tests and for a score of 5 or above on the IB examination, the AP and IB courses are not equivalent to PHYS 121 and PHYS 122 and advanced placement will not, in general, be given. However, students with a particularly strong background in physics are encouraged to take the departmental advanced placement examination either during the summer before entering Bryn Mawr or just prior to, or during, the first week of classes. Then, the department can place students in the appropriate course. Students are not given credit for courses they place out of as a result of taking this placement exam. It is best for a student considering a physics major to complete the introductory requirements in the first year. However, the major sequence is designed so that a student who completes the introductory sequence by the end of the sophomore year can major in physics.

Major Requirements

Beyond the two introductory physics courses and the two introductory mathematics courses, nine additional courses are required for the major. (Haverford courses may be substituted for Bryn Mawr courses where appropriate.) Six of the nine courses must be PHYS 201, 214, 306, 331, and MATH 201, 203. The remaining three courses must be chosen from among the other 300-level physics courses, one of which may be substituted with any one course from among ASTR 320, 321, and 333, or any 300-level math course.

The department has been very successful in preparing students for graduate school in physics, physical chemistry, materials science, engineering, and related fields. To be well prepared for graduate school, students should take, at a minimum, PHYS 302, 303, 308, and 309 (in addition to PHYS 306 and 331 which are required for the major). PHYS 322 AND PHYS 325 also are highly recommended. These students should also take any additional physics, mathematics, and chemistry courses that reflect their interests, and should engage in research with a member of the faculty by taking PHYS 403. (Note that PHYS 403 is usually two semesters and does not count towards the 13 courses required for the major.) Seniors can take graduate courses, usually PHYS 501: Quantum Mechanics or PHYS 503: Electromagnetism, to get a head start on graduate school.

Typical plans for a basic four-year major in physics are listed below.

Four-Year Plan meeting the minimum requirements for the major:

1st Year
PHYS 121, 122
MATH 101, 102

2nd Year
PHYS 201, 214
MATH 201, 203

3rd Year
PHYS 306, 331, and one other 300-level physics course

4th Year
Two 300-level physics courses

Four-Year Plan providing a minimum preparation for graduate school:

1st Year
PHYS 121, 122
MATH 101, 102

2nd Year
PHYS 201, 214
MATH 201, 203
The physics program at Bryn Mawr allows for a student to major in physics even if the introductory courses are not completed until the end of the sophomore year, as long as calculus (MATH 101 and 102) is taken in the first year. It is also possible for the student majoring in three years to be adequately prepared for graduate school. To do this, the outline below should be supplemented with (at least) PHYS 403 for both semesters in the 4th year.

Three-Year Plan meeting the minimum requirements for the major:

1st Year
MATH 101, 102

2nd Year
PHYS 121, 122
MATH 201, 203

3rd Year
PHYS 201, 214, 306, 331

4th Year
Three 300-level physics courses

Honors

The degree of Bachelor of Arts is awarded with honors in physics in recognition of academic excellence. The award, which is made upon the recommendation of the department, is based on the quality of a Senior Thesis and on an achievement of a GPA of at least 3.4 in 200-level courses and above in physics, astronomy, and mathematics at Bryn Mawr and Haverford Colleges and an overall GPA of at least 3.0.

Minor Requirements

The requirements for the minor, beyond the introductory sequence, are PHYS 201, 214, 306, 331; MATH 201, 203; and one additional 300-level physics course. The astronomy and mathematics courses described under "Major Requirements" may not be substituted for the one additional 300-level physics course.

Minor in Educational Studies or Secondary-School Teacher Certification

Students majoring in physics can pursue a minor in educational studies or state certification to teach at the secondary-school level. Students seeking the minor need to complete six education courses including a two-semester senior seminar, which requires five to eight hours per week of fieldwork. To earn secondary-school certification (grades 7-12) in physics, students must: complete the physics major plus two semesters of chemistry and one semester as a teaching assistant in a laboratory for introductory or intermediate physics courses; complete six education courses; and student-teach full-time (for two course credits) second semester of their senior year.

A.B./M.A. Program

To earn an M.A. degree in physics in the College’s A.B./M.A. program, a student must complete the requirements for an undergraduate physics major and also complete six units of graduate level work in physics. Of these six units, as many as two units may be undergraduate courses at the 300 level taken for graduate credit (these same two courses may be used to fulfill the major requirements for the A.B. degree), at least two units must be graduate seminars at the 500 level, and two units must be graduate research at the 700 level leading to the submission and oral defense of an acceptable M.A. thesis.

3-2 Program in Engineering and Applied Science

The 3-2 Program in Engineering and Applied Science is offered in cooperation with the California Institute of Technology. Students spend three years at Bryn Mawr, during which time they must complete all non-major requirements. Students then apply to Caltech as a transfer student and admission is determined by Caltech. Students earn both an A.B. at Bryn Mawr and a B.S. at Caltech. Financial aid is not available at Caltech for non-US citizens.

Courses at Haverford College

Many upper-level physics courses are taught at Haverford and Bryn Mawr in alternate years as indicated in the listings of the specific courses below. These courses (numbered 302, 303, 308, 309, and 322) may be taken at either institution to satisfy major requirements. In addition, 100- and 200-level courses can be used to replace 100- and 200-level courses at Bryn Mawr but these courses are not identical and careful planning is required.

Introductory Physics Sequences

Students on a pre-health professions track wanting to take one year of physics should take PHYS 101 and PHYS 102. Some students on a physical sciences major track could take PHYS 121 and PHYS 122 and others might take PHYS 122 and PHYS 201. See your major adviser and carefully note the math pre- and co-requisites for these courses. PHYS121/122/201/214 is a coordinated, four-semester sequence in physics.
PHYS B101 Introductory Physics

PHYS 101/102 is an introductory sequence intended primarily for students on the pre-health professions track. Emphasis is on developing an understanding of how we study the universe, the ideas that have arisen from that study, and on problem solving. Topics are taken from among Newtonian kinematics and dynamics, relativity, gravitation, fluid mechanics, waves and sound, electricity and magnetism, electrical circuits, light and optics, quantum mechanics, atomic and nuclear physics, and particle physics and cosmology. An effective and usable understanding of algebra and trigonometry is assumed. First year students who will take or place out of MATH 101 should take PHYS 121. Lecture three hours, laboratory three hours.
(Staff, Division II with Lab and Quantitative Skills)

PHYS B102 Introductory Physics

PHYS 101/102 is an introductory sequence intended primarily for students on the pre-health professions track. Emphasis is on developing an understanding of how we study the universe, the ideas that have arisen from that study, and on problem solving. Topics are taken from among Newtonian kinematics and dynamics, relativity, gravitation, fluid mechanics, waves and sound, electricity and magnetism, electrical circuits, light and optics, quantum mechanics, atomic and nuclear physics, and particle physics and cosmology. An effective and usable understanding of algebra and trigonometry is assumed. First year students who will take or place out of MATH 101 should take PHYS 121. Lecture three hours, laboratory three hours.
(Staff, Division II with Lab and Quantitative Skills)

PHYS B107 Conceptual Physics

This course addresses how human beings model physical systems far from the everyday realm, as well as how human senses work and the role of biological evolution. We develop models for electromagnetism, quantum mechanics, special relativity, general relativity, cosmology, particle physics, and nuclear physics. No mathematics is used. Readings include Abbott's Flatland, Wells' The Country of the Blind, Borges' Library of Babel, Kafka's Metamorphosis, other short stories, and selected scientific articles. Lecture three hours, discussion session one hour, laboratory three hours. This course does not satisfy the Quantitative Skills requirement. Also see PHYS 150 which is PHYS 107 without the laboratory.
(Beckmann, Division II with Lab)
Not offered in 2010-11.

PHYS B108 Contemporary Physics

The 20th century brought two revolutions in our understanding of the universe—the theories of relativity and quantum physics. We will investigate each of them and their consequences, and touch on new theories that might unify them. We will also explore "chaos theory" which applies to phenomena ranging from electrical activity in the brain during seizures to the stability of solar systems. Lecture 3 hours; Laboratory 3 hours. This course does not satisfy the Quantitative Skills requirement. Also see PHYS B158 for the lecture only course.
(Matlin, Division II with Lab)
Not offered in 2010-11.

PHYS B109 How Things Work

This course gives students the opportunity to explore the physical principles that govern the objects and activities familiar in their everyday lives. For example, objects such a roller coasters, rockets, light bulbs and Xerographic copiers will be used to explore motion, fluids, heat, and electricity. Lecture three hours, laboratory three hours. Note: this course does not satisfy the Quantitative Skills requirement. Also: see PHYS 160 which is PHYS 109 without the laboratory.
(Noel, Division II with Lab)
Not offered in 2010-11.

PHYS B121 Modeling the Physical World: Foundations and Frontiers

This course presents current conceptual understandings and mathematical formulations of fundamental ideas used in physics. Students will develop physical intuition and problem-solving skills by exploring key concepts in physics such as the conservation of energy and momentum and modern topics in physics including the unification of the fundamental forces, relativistic space-time, nuclear and particle physics, and cosmology. This course can serve as a stand-alone survey of physics or as the first of a four-semester sequence designed for those majoring in the physical sciences. Lecture three hours, laboratory three hours. Corequisite: MATH 101.
(Staff, Division II with Lab and Quantitative Skills)

PHYS B122 Classical Mechanics

The lecture material covers Newtonian mechanics of single particles, systems of particles, rigid bodies, and continuous media with applications, one-dimensional systems including forced and nonlinear oscillators, scattering and orbit problems. Lecture three hours, laboratory three hours. Prerequisites: PHYS 121 and MATH 101. Corequisite: MATH 102.
(Staff, Division II with Lab and Quantitative Skills)

PHYS B157 Conceptual Physics

PHYS 107 but without the laboratory.
(Staff, Division II: Natural Science)
Not offered in 2010-11.
PHYS B158 Contemporary Physics

PHYS 108 but without the laboratory
(Matlin, Division II: Natural Science)
*Not offered in 2010-11.*

PHYS B159 How Things Work

PHYS 109 but without the laboratory.
(Noel, Division II: Natural Science)
*Not offered in 2010-11.*

PHYS B201 Electromagnetism

The lecture and material covers electrostatics, electric currents, magnetic fields, electromagnetic induction, Maxwell’s equations, electromagnetic waves. Scalar and vector fields and vector calculus are introduced and developed as needed. The laboratory involves passive and active circuits and analog and digital electronics. Lecture three hours, laboratory three hours. Prerequisite: PHYS 102 or 122. Corequisite: MATH 201.
(Staff, Division II with Lab and Quantitative Skills)

PHYS B214 An Introduction to Quantum Mechanics

An introduction to the principles governing systems at the atomic scale and below. Topics include the experimental basis of quantum mechanics, wave-particle duality, Schrödinger’s equation and its solutions, the time dependence of quantum states, angular momentum in the microscopic world, simple atoms, and atomic nuclei. Recent developments, such as paradoxes calling attention to the counter-intuitive aspects of quantum physics, will be discussed. The laboratory involves quantum mechanics, solid state physics, and optics experiments. Lecture three hours, laboratory three hours. Prerequisite: PHYS 201, MATH 201. Corequisite: MATH 203.
(Staff)

PHYS B202 Advanced Quantum Mechanics and Applications

This course presents nonrelativistic quantum mechanics, including Schrodinger’s equation, the eigenvalue problem, the measurement process, the hydrogen atom, the harmonic oscillator, angular momentum, spin, the periodic table, perturbation theory, and the relationship between quantum and Newtonian mechanics. Lecture three hours and additional recitation sessions as needed. Prerequisites: PHYS 214 and PHYS 306.
(Staff)

PHYS B212 Advanced Classical Mechanics

This course presents kinematics and dynamics of particles and macroscopic systems using Newtonian, Lagrangian, and Hamiltonian mechanics. Topics include oscillations, normal mode analysis, inverse square laws, nonlinear dynamics, rotating rigid bodies, and motion in noninertial reference frames. Lecture three hours and additional recitation sessions as needed. Prerequisite: PHYS 214. Corequisite: PHYS 306.
(Staff)

PHYS B301 Mathematical Methods in the Physical Sciences

This course presents topics in applied mathematics useful to students, including physicists, engineers, physical chemists, geologists, and computer scientists studying the natural sciences. Topics are taken from Fourier series, integral transforms, advanced ordinary and partial differential equations, special functions, boundary-value problems, functions of complex variables, and numerical methods. Lecture three hours and additional recitation sessions as needed. Prerequisites: MATH 201 and 203.
(Staff)

PHYS B308 Advanced Classical Mechanics

This course presents the physics of solids. Topics include crystal structure and diffraction, the reciprocal lattice and Brillouin zones, crystal binding, lattice vibrations and normal modes, phonon dispersion, Einstein and canonical, and grand canonical ensembles, and Bose-Einstein, Fermi-Dirac, and Maxwell Boltzmann statistics. The statistical basis of classical thermodynamics is investigated. Examples and applications are drawn from solid state physics, low temperature physics, atomic and molecular physics, electromagnetic waves, and cosmology. Lecture three hours and additional recitation sessions as needed. Prerequisite: PHYS 214. Corequisite: PHYS 306.
(Staff)

PHYS B302 Advanced Quantum Mechanics and Applications

This course presents electrostatics and magnetostatics, dielectrics, magnetic materials, electrodynamics, Maxwell's equations, electromagnetic waves, and special relativity. Examples and applications are taken from superconductivity, plasma physics, and radiation theory. Lecture three hours and additional recitation sessions as needed. Prerequisites: PHYS 214 and 306.
(Staff)

PHYS B303 Statistical Mechanics and Thermodynamics

This course presents the statistical description of the macroscopic states of classical and quantum systems, including conditions for equilibrium, the microcanonical, canonical, and grand canonical ensembles, and Bose-Einstein, Fermi-Dirac, and Maxwell Boltzmann statistics. The statistical basis of classical thermodynamics is investigated. Examples and applications are drawn from among solid state physics, low temperature physics, atomic and molecular physics, electromagnetic waves, and cosmology. Lecture three hours and additional recitation sessions as needed. Prerequisite: PHYS 214. Corequisite: PHYS 306.
(Staff)

PHYS B306 Mathematical Methods in the Physical Sciences

This course presents topics in applied mathematics useful to students, including physicists, engineers, physical chemists, geologists, and computer scientists studying the natural sciences. Topics are taken from Fourier series, integral transforms, advanced ordinary and partial differential equations, special functions, boundary-value problems, functions of complex variables, and numerical methods. Lecture three hours and additional recitation sessions as needed. Prerequisites: MATH 201 and 203.
(Staff)

PHYS B308 Advanced Classical Mechanics

This course presents the physics of solids. Topics include crystal structure and diffraction, the reciprocal lattice and Brillouin zones, crystal binding, lattice vibrations and normal modes, phonon dispersion, Einstein and canonical, and grand canonical ensembles, and Bose-Einstein, Fermi-Dirac, and Maxwell Boltzmann statistics. The statistical basis of classical thermodynamics is investigated. Examples and applications are drawn from among solid state physics, low temperature physics, atomic and molecular physics, electromagnetic waves, and cosmology. Lecture three hours and additional recitation sessions as needed. Prerequisite: PHYS 214. Corequisite: PHYS 306.
(Staff)

PHYS B309 Advanced Electromagnetic Theory

This course presents electrostatics and magnetostatics, dielectrics, magnetic materials, electrodynamics, Maxwell's equations, electromagnetic waves, and special relativity. Examples and applications are taken from superconductivity, plasma physics, and radiation theory. Lecture three hours and additional recitation sessions as needed. Prerequisites: PHYS 214 and 306.
(Staff)

PHYS B322 Solid State Physics

This course presents the physics of solids. Topics include crystal structure and diffraction, the reciprocal lattice and Brillouin zones, crystal binding, lattice vibrations and normal modes, phonon dispersion, Einstein and canonical, and grand canonical ensembles, and Bose-Einstein, Fermi-Dirac, and Maxwell Boltzmann statistics. The statistical basis of classical thermodynamics is investigated. Examples and applications are drawn from among solid state physics, low temperature physics, atomic and molecular physics, electromagnetic waves, and cosmology. Lecture three hours and additional recitation sessions as needed. Prerequisite: PHYS 214. Corequisite: PHYS 306.
(Staff)
Debye models for the specific heat, the free electron model, the Fermi surface, electrons in periodic structures, the Bloch theorem and band structure. Additional topics are taken from semiclassical electron dynamics, semiconductors, superconductivity, 0-D (quantum dots), 1-D (quantum wires) and 2-D (graphene) structures and the microscopies used to investigate them. Lecture three hours and additional recitation sessions as needed. Prerequisites: PHYS 214 and 306. (Staff)

Alternates between Bryn Mawr and Haverford; 2010-11 at Bryn Mawr.

PHYS B325 Advanced Theoretical Physics

This course presents one or more of several subjects, depending on instructor availability and student interest. The possible subjects are (1) special relativity, general relativity, and gravitation, (2) the standard model of particle physics, (3) particle astrophysics and cosmology, (4) relativistic quantum mechanics, (5) grand unified theories, (6) string theory, loop quantum gravity, and causal set theory. Lecture three hours and additional recitation sessions as needed. Prerequisites: PHYS 306 and 308. Corequisite: PHYS 302. (Schulz)

Not offered in 2010-11.

PHYS B331 Advanced Experimental Physics

This laboratory course consists of set-piece experiments as well as directed experimental projects to study a variety of phenomena in atomic, molecular, optical, nuclear, and solid state physics. The experiments and projects serve as an introduction to contemporary instrumentation and the experimental techniques used in physics research laboratories in industry and in universities. Students write papers in a format appropriate for research publications and make a presentation to the department. Laboratory eight hours a week. Prerequisite: PHYS 201. Corequisite: PHYS 214. (Staff)

PHYS B380 Physics Pedagogy

Students work with a faculty member as assistant teachers in a college course in physics, or as assistants to a faculty member developing new teaching materials. Students will be involved in some combination of the following: directed study of the literature on teaching and learning pedagogy, construction and design of parts of a course, and actual teaching in a lecture course or laboratory. Corequisite: PHYS 201. (Matlin)

PHYS B390 Independent Study

At the discretion of the department, juniors or seniors may supplement their work in physics with the study of topics not covered in regular course offerings. (Staff)

PHYS B403 Supervised Research

At the discretion of the department, juniors and seniors may supplement their work in physics with research in one of the faculty research groups. Students provide a written paper and give an oral presentation at the end of the semester or year. Students are encouraged to contact individual faculty members and the departmental Web pages for further information. (Beckmann, Cheng, McCormack, Noel, Schulz)
Students may complete a major or minor in Political Science. Within the major, students may complete a concentration in environmental studies.

Faculty

Michael H. Allen, Professor (on leave semester II)
Daniel Meir Chomsky, Lecturer
Jeremy Elkins, Associate Professor and Chair
Marissa Martino Golden, Associate Professor
Carol Hager, Associate Professor
Deborah Harrold, Lecturer and Coordinator of Middle Eastern Studies
Peter J. Hoffman, Instructor
Marc Howard Ross, Professor (on leave semester II)
Stephen G. Salkever, Professor

The major in Political Science aims at developing the reading, writing and thinking skills needed for a critical understanding of the political world. Coursework includes a variety of approaches to the study of politics: historical/interpretive, quantitative/deductive, and philosophical. Using these approaches, students examine political life in a variety of contexts from the small-scale neighborhood to the international system, asking questions about the different ways in which humans have addressed the organization of society, the management of conflicts, and the organization of power and authority.

Major Requirements

The major consists of a minimum of 10 courses, including 398 and 399. Two of these must be chosen from among any of the following entry-level courses: 101, 121, 131, 141, 205, 220, 228, and 231. The major must include work done in two distinct fields. A minimum of three courses must be taken in each field, and at least one course in each field must be at the 300 level. Majors take the Senior Seminar (398) in the first semester of the senior year and write the Senior Essay (399) in the second.

Fields are not fixed in advance, but are set by consultation between the student and departmental advisers. The most common fields have been American politics, comparative politics, international politics, and political philosophy, but fields have also been established in American history, East Asian studies, environmental studies, Hispanic studies, international economics, political psychology, public policy, and women and politics, among others.

Up to three courses from departments other than Political Science may be accepted for major credit, if in the judgment of the department these courses are an integral part of the student’s major plan. This may occur in two ways: an entire field may be drawn from courses in a related department (such as economics or history) or courses taken in related departments will count toward the major if they are closely linked with work the student has done in political science. Ordinarily, courses at the 100 level or other introductory courses taken in related departments may not be used for major credit in political science. In addition, at least three of the courses taken towards completion of the major must be taken in the Bryn Mawr Department of Political Science, not counting POLS 398 and 399.

Honors

Students who have done distinguished work in their courses in the major and who write outstanding senior essays will be considered by the department for departmental honors.

Minor Requirements

A minor in Political Science consists of six courses distributed across at least two fields. At least two of the courses must be at the 300 level. At least three of the courses must be taken from the Bryn Mawr Department of Political Science course offerings.

Concentration in Environmental Studies

The Department of Political Science participates with other departments in offering a concentration within the major in environmental studies.

Cross-Registration

All Haverford political science courses count toward the Bryn Mawr major; courses in related departments at Haverford that are accepted for Political Science major credit will be considered in the same way as similar courses taken at Bryn Mawr. All Bryn Mawr majors in Political Science must take at least three courses in Political Science at Bryn Mawr, not counting POLS 398 and 399.

POLS B101 Introduction to Political Science

While political science as an academic discipline is a recent project, the concerns of political science are older and enduring. Using works of political theory and social science, to critically engage and analyze basic concerns such as the reasons and causes of war, the search for the best form of government, bases of authority, forms of national power and how best to preserve it, the relationships between wealth and power and how to govern the economy, the origins of inequality, and distinctly and modern forms of power.

(Harrold, Division I: Social Science)
POLS B111 Introduction to Peace and Conflict Studies

A broad and interdisciplinary overview of the study of conflict management. Areas to be introduced will include interpersonal conflict and conflict management, alternative dispute resolution and the law, community conflict and mediation, organizational, intergroup, and international conflict, and conflict management. This course will also serve as a foundation course for students in or considering the peace and conflict studies concentration. (Neuman, Division I: Social Science) Cross-listed as ANTH B111 Not offered in 2010-11.

POLS B121 Introduction to American Politics

An introduction to the major features and characteristics of the American political system. Features examined include voting and elections; the institutions of government (Congress, the Presidency, the courts and the bureaucracy); the policy-making process; and the role of groups (interest groups, women, and ethnic and racial minorities) in the political process. Enrollment is limited to 35 students. (Golden, Division I: Social Science)

POLS B131 Comparative Politics

An introduction to the comparative study of political systems. A sampling of major questions addressed by comparative approaches such as why authority structures differ across countries; how major issues such as inequality, environmental degradation, and ethno-nationalism arise in different polities, and why governmental responses to those issues differ so widely. Comparisons are made across time and space. Emphasis is placed on institutional, cultural, and historical explanations. Enrollment is limited to 35 students. (Hager, Division I: Social Science)

POLS B141 International Politics

An introduction to international relations, exploring its main subdivisions and theoretical approaches. Phenomena and problems in world politics examined include systems of power management, imperialism, war, cold war, bargaining, and peace. Problems and institutions of international economy and international law are also addressed. This course assumes a reasonable knowledge of modern world history. Enrollment is limited to 35 students. (Allen, Division I: Social Science)

POLS B205 European Politics: Between Unification and Dissolution

An analysis of the accelerating process of European unification and the increasing political divisiveness within individual European countries. We focus on the evolution of the state-society relationship in selected countries and the emergence of new sources of conflict in recent years. These are placed in the context of a changing international scene: the eastward expansion of the European Union, European social and economic unity and the introduction of the Euro. (Hager, Division I: Social Science) Not offered in 2010-11.

POLS B206 Conflict and Conflict Management: A Cross-Cultural Approach

This course examines cross-cultural differences in the levels and forms of conflict and its management through a wide range of cases and alternative theoretical perspectives. Conflicts of interest range from the interpersonal to the international levels and an important question is the relevance of conflict and its management in small-scale societies as a way to understand political conflict and dispute settlement in the United States and modern industrial settings. Prerequisite: one course in political science, anthropology, or sociology. (Hoffman, Division I: Social Science) Cross-listed as ANTH B206

POLS B211 Politics of Humanitarianism

This course examines the international politics and history that underlie the ideas, social movement and system of organizations designed to regulate the conduct of war and improve the welfare of those victimized by war. Topics include just war theory, international humanitarian law, humanitarian action and intervention, and transitional justice. Prerequisite: one course in Political Science, preferably International Politics, law or political theory, or comparable course by permission of instructor. (Hoffman, Division I: Social Science)

POLS B217 The State and the Transformation of Conflict

State institutions have a profound effect on conflicts. State sponsored conflicts may be more violent, more deadly and transform society. The state’s power may affect conflict management, enforcing agreements and providing incentives for cooperation. Weak states may not manage difference or conflict; ineffective states may be bypassed by citizens seeking protection or to plunder assets. Readings include theoretical texts as well as empirical accounts of the state’s role in structuring and enforcing conflict management. Prerequisite: One course in Political Science or social science (Harrold, Division I: Social Science) Not offered in 2010-11.

POLS B220 Constitutional Law

A consideration of some of the leading cases and controversies in American constitutional law. The course will
focus on such questions as the role of the constitution in mediating the relationship between public and private power with respect to both difference and hierarchy, and on the role of judicial review within a constitutional system. Enrollment is limited to 35 students. (Elkins, Division I: Social Science)

POLS B222 Introduction to Environmental Issues: Policy Making in Comparative Perspective
An exploration of the ways in which different cultural, economic, and political settings have shaped issue emergence and policy making. We examine the politics of particular environmental issues in selected countries and regions. We also assess the prospects for international cooperation in solving global environmental problems such as climate change. (Hager, Division I: Social Science) Cross-listed as CITY B222

POLS B225 Global Ethical Issues
(Koggel, Division III: Humanities) Cross-listed as PHIL B225

POLS B228 Introduction to Political Philosophy: Ancient and Early Modern
An introduction to the fundamental problems of political philosophy, especially the relationship between political life and the human good or goods. Readings from Aristotle, Hobbes, Machiavelli, Plato, and Rousseau. (Salkever, Division III: Humanities) Cross-listed as PHIL B228

POLS B231 Introduction to Political Philosophy: Modern
A continuation of POLS 228, although 228 is not a prerequisite. Particular attention is given to the various ways in which the concept of freedom is used in explaining political life. Readings from Hegel, Locke, Marx, J.S. Mill, and Nietzsche. (Salkever, Division III: Humanities) Cross-listed as PHIL B231

POLS B234 Legal Rights in the Administrative State
Through an intensive examination of judicial opinions and secondary texts, this course considers the nature of law and rights in the administrative state. Topics include the sources of legitimate agency power, the role of courts and agencies in interpreting statutes, and the rights of individuals to participate in agency decision-making and to challenge agency action. (Elkins, Division I: Social Science) Not offered in 2010-11.

POLS B235 Transitional Justice in Post-Conflict Societies
(Doughty, Division I: Social Science) Cross-listed as ANTH B235 Not offered in 2010-11.

POLS B238 Science, Technology, and the Good Life
(Dostal, Division III: Humanities) Cross-listed as PHIL B238 Not offered in 2010-11.

POLS B241 The Politics of International Law and Institutions
An introduction to international law, which assumes a working knowledge of modern world history and politics since World War II. The origins of modern international legal norms in philosophy and political necessity are explored, showing the schools of thought to which the understandings of these origins give rise. Significant cases are used to illustrate various principles and problems. Prerequisite: POLS 141. (Allen Harrold, Division I: Social Science) Not offered in 2010-11.

POLS B243 African and Caribbean Perspectives in World Politics
This course makes African and Caribbean voices audible as they create or adopt visions of the world that explain their positions and challenges in world politics. Students learn analytical tools useful in understanding other parts of the world. Prerequisite: POLS 141. (Allen, Division I: Social Science) Not offered in 2010-11.

POLS B244 Great Empires of the Ancient Near East
(Atac, Division III: Humanities) Cross-listed as ARCH B244 Cross-listed as CITY B244 Cross-listed as HIST B244 Not offered in 2010-11.

POLS B245 Philosophy of Law
Introduces students to a variety of questions in the philosophy of law. Readings will be concerned with the nature of law, the character of law as a system, the ethical character of law, and the relationship of law to politics, power, authority, and society. Readings will include abstract philosophical arguments about the concept of law, as well as theoretical arguments about the nature of law as they arise within specific contexts, and judicial cases. Most or all of the specific issues discussed will be taken from Anglo-American law, although the general issues considered are not limited to those legal systems. (Elkins, Division I: Social Science) Cross-listed as PHIL B245
POLS B248 Modern Middle East Cities

Taking advantage of the considerable new scholarship on cities, the course will draw from diverse fields to bring different methods to the study of Middle Eastern cities and urbanization. The course will treat the negotiation of state control, urban planning and its alterations in urban practices, social movements and new spaces of politics, competing architectural visions, globalizations, and new local identities. It will treat such topics as Islamic charities in Cairo, shopping malls as public space in Dubai City, Islamic politics in public space in Istanbul, the restructuring of Beirut, and ideas of modernity in the construction of Tel Aviv.
(Harrold, Division I: Social Science)
Cross-listed as
Cross-listed as CITY B248
Cross-listed as HEBR B248
Cross-listed as HIST B240
Not offered in 2010-11.

POLS B251 Politics and the Mass Media

A consideration of the mass media as a pervasive fact of U.S. political life and how they influence American politics. Topics include how the media have altered American political institutions and campaigns, how selective attention to particular issues and exclusion of others shape public concerns, and the conditions under which the media directly influence the content of political beliefs and the behavior of citizens. Prerequisite: one course in political science, preferably POLS 121.
(Chomsky, Division I: Social Science)

POLS B253 Feminist Theory

(Koggel Hay, Division III: Humanities)
Cross-listed as PHIL B252
Not offered in 2010-11.

POLS B255 Media and Elections

Addresses the role of mass media in the electoral process, considering the importance of information for citizens and voters. Evaluates the nature, quality, and character of media coverage; candidate statements and campaign ads; and considers the impact of media coverage on elections. Finally considers the implications of the electoral process for democracy.
(Chomsky, Division I: Social Science)
Not offered in 2010-11.

POLS B262 Who Believes What and Why: the Sociology of Public Opinion

(Wright, Division I: Social Science)
Cross-listed as SOCL B262
Not offered in 2010-11.

POLS B263 Theory and Global Politics

An introduction to debates in normative political theory regarding contemporary global politics. Topics for theoretical engagement will include world citizenship and global democracy, economic inequalities between the global North and South, international human rights with a focus on women’s rights, and migration.
(Barker, Division III: Humanities)
Cross-listed as PHIL B263
Not offered in 2010-11.

POLS B264 Politics of Global Commodities

This class critically analyzes the international politics that underpin the production and distribution of global commodities. Marketization and privatization pressures that have produced economic arrangements are examined for their impact in altering governance systems and fomenting conflicts. The course starts with concepts, theories and history and then turns to a review of key case studies. Prerequisite: One course in Political Science or Economics.
(Hoffman, Division I: Social Science)

POLS B273 Race and the Law in the American Context

An examination of the intersection of race and law, evaluating the legal regulations of race, the history and meanings of race, and how law, history and the Supreme Court helped shape and produce those meanings. It will draw on materials from law, history, public policy, and critical race theory.
(Albert, Division I: Social Science)
Cross-listed as SOCL B273
Not offered in 2010-11.

POLS B278 Oil, Politics, Society, and Economy

Examines the role oil has played in transforming societies, in shaping national politics, and in the distribution of wealth within and between nations. Rentier states and authoritarianism, the historical relationships between oil companies and states, monopolies, boycotts, sanctions and demands for succession, and issues of social justice mark the political economy of oil.
(Harrold, Division I: Social Science)

POLS B282 The Exotic Other: Gender and Sexuality in the Middle East

This course is concerned with the meanings of gender and sexuality in the Middle East, with particular attention to the construction of tradition, its performance, reinscription, and transformation, and to Western interpretations and interactions. Prerequisite: one course in social science or humanities.
(Harrold, Division I: Social Science)
POLS B283 Introduction to the Politics of the Modern Middle East and North Africa
This course is a multidisciplinary approach to understanding the politics of the region, using works of history, political science, political economy, film, and fiction as well as primary sources. The course will concern itself with three broad areas: the legacy of colonialism and the importance of international forces; the role of Islam in politics; and the political and social effects of particular economic conditions, policies, and practices. (Harrold, Division I: Social Science) Cross-listed as HEBR B283 Cross-listed as HIST B283 Not offered in 2010-11.

POLS B286 Themes in British Empire
(Kale, Division I or Division III) Cross-listed as HIST B286 Cross-listed as CITY B286 Not offered in 2010-11.

POLS B300 Nietzsche, Kant, Plato: Modes of Practical Philosophy
A study of three important ways of thinking about theory and practice in Western political philosophy. Prerequisites: POLS 228 and 231, or PHIL 101 and 201. (Salkever) Cross-listed as PHIL B300 Not offered in 2010-11.

POLS B308 Political Transformation in Eastern and Western Europe: Germany and Its Neighbors
This course examines the many recent changes in Europe through the lens of German politics. From the two World Wars to the Cold War to the East European revolutions of 1989 and the European Union, Germany has played a pivotal role in world politics. We will identify cultural, political, and economic factors that have shaped this role and analyze Germany’s actions in the broader context of international politics. (Hager) Cross-listed as GERM B308 Not offered in 2010-11.

POLS B310 Comparative Public Policy
A comparison of policy processes and outcomes across space and time. Focusing on particular issues such as health care, domestic security, water and land use, we identify institutional, historical, and cultural factors that shape policies. We also examine the growing importance of international-level policy making and the interplay between international and domestic pressures on policy makers. (Hager, Division I: Social Science) Not offered in 2010-11.

POLS B316 The Politics of Ethnic, Racial, and National Groups
An analysis of ethnic and racial conflict and cooperation that will compare and contrast the experiences of regional and immigrant minorities in Europe. Particular attention is paid to the processes of group identification and political organization; the politicization of racial and ethnic identity; patterns of conflict and cooperation between minorities and the majority population over time; and different paths to citizenship. The course will examine the experiences of white ethnic groups, African-Americans, Hispanic Americans, Asian Americans as well as Islamic, African, Asian, and regional national groups in Europe. (Ross) Not offered in 2010-11.

POLS B320 Greek Political Philosophy: Ethics and Politics
Plato’s philosophizing is “political” in two senses: its frequent explicit concern with the central concepts of politics, and its implicit staging of the tensions between philosophy and politics understood as ways of life. We will pursue both aspects via close reading and discussion of several Platonic works including Apology, Crito, and Republic. To place Plato in the context of Greek philosophical and political discourse, we will also read Heraclitus, Parmenides, Thucydides, Xenophon, and Aristotle. Focus will be on the Platonic texts, but we will also consider ways Plato does and does not speak to problems of our own time. (Salkever) Cross-listed as PHIL B321

POLS B321 Technology and Politics
An analysis of the complex role of technology in political and social life. We focus on the relationship between technological development and democratic governance. Discussion of theoretical approaches is supplemented by case studies of particular issues, such as electoral politics, warfare and terrorism, social networking and citizen mobilization, climate change, agriculture and food safety. (Hager, Division I: Social Science) Cross-listed as CITY B321 Not offered in 2010-11.

POLS B327 Political Philosophy in the 20th Century
A study of 20th-century extensions of three traditions in Western political philosophy: the adherents of the German and English ideas of freedom and the founders of classical naturalism. Authors read include Hannah Arendt, Jurgen Habermas, and John Rawls. Topics include the relationship of individual rationality and political authority, the “crisis of modernity,” and the debate
concerning contemporary democratic citizenship. Prerequisites: POLS 228 and 231, or PHIL 101 and 201. Enrollment is limited to 18 students. (Salkever)

Cross-listed as PHIL B327

Not offered in 2010-11.

POLS B347 Advanced Issues in Peace and Conflict Studies: Utopias, Dystopias, and Peace

An in-depth examination of crucial issues and particular cases of interest to advanced students in peace and conflict studies through common readings and student projects. Various important theories of conflict and conflict management are compared and students undertake semester-long field research. The second half of the semester focuses on student research topics with continued exploration of conflict-resolution theories and research methods. Prerequisite: POLS 206, 111, or Haverford’s POLS 247. (Neuman)

Cross-listed as ANTH B347

Not offered in 2010-11.

POLS B348 Culture and Ethnic Conflict

An examination of the role of culture in the origin, escalation, and settlement of ethnic conflicts. This course examines the politics of culture and how it constrains and offers opportunities for ethnic conflict and cooperation. The role of narratives, rituals, and symbols is emphasized in examining political contestation over cultural representations and expressions such as parades, holy sites, public dress, museums, monuments, and language in culturally framed ethnic conflicts from all regions of the world. Prerequisites: two courses in the social sciences. (Ross)

Cross-listed as CITY B348

Not offered in 2010-11.

POLS B349 Social and Political Theory

(Hay, Division I or Division III)

Cross-listed as PHIL B349

Not offered in 2010-11.

POLS B354 Comparative Social Movements: Power, Protest, and Mobilization

A consideration of the conceptualizations of power and “legitimate” and “illegitimate” participation, the political opportunity structure facing potential activists, the mobilizing resources available to them, and the cultural framing within which these processes occur. Specific attention is paid to recent movements within and across countries, such as feminist, environmental, and anti-globalization movements, and to emerging forms of citizen mobilization, including transnational and global networks, electronic mobilization, and collaborative policymaking institutions. (Hager)

Cross-listed as SOCL B354

POLS B358 Political Psychology of Group Identification

(McCauley Ross)

Cross-listed as PSYC B358

Not offered in 2010-11.

POLS B371 Topics in Legal and Political Philosophy

This course examines a variety of topics on the relationship between justice, authority, community, violence, and law. Specific issues include the role of violence in liberal polities and legal regimes, civil disobedience, the relationship of law, state, and society, morality and war, and hate speech. (Elkins, Division I or Division III)

Cross-listed as PHIL B371

Not offered in 2010-11.

POLS B374 Gender and Power in Comparative Context: Patriarchy Across Cultures

Patriarchy and fraternity are powerful forms of authority in traditional and modern societies, forms of authority that operate along lines of gender and age and have proved resilient and resistant to feminist challenge. This course examines patriarchy, fraternity, and forms of resistance through political theory and empirical analysis of social practices. Our studies will include different historical practices of veiling in Muslim countries, violence and nature in the American West, young women factory workers in Malaysia and labor protest, women politicians in Turkey, fathers, sons, and soldiers in Israel, and discourses of respect, respectability, and masculinity for African American men. (Harrold)

Not offered in 2010-11.

POLS B375 Women, Work, and Family

As the number of women participating in the paid workforce who are also mothers exceeds 50 percent, it becomes increasingly important to study the issues raised by these dual roles. This seminar will examine the experiences of working and nonworking mothers in the United States, the roles of fathers, the impact of working mothers on children, and the policy implications of women, work, and family. (Golden)

Cross-listed as SOCL B375

POLS B378 Origins of American Constitutionalism

This course will explore some aspects of early American constitutional thought, particularly in the periods immediately preceding and following the American Revolution.
The premise of the course is that many of the questions that arose during that period—concerning, for example, the nature of law, the idea of sovereignty, and the character of legitimate political authority—remain important questions for political, legal, and constitutional thought today, and that studying the debates of the revolutionary period can help sharpen our understanding of these issues. Prerequisites: sophomore standing and previous course work in American history, American government, political theory, or legal studies.

POLS B379 The United Nations and World Order

The United Nations has grown and evolved in significant ways since its establishment in 1945, and is now charged with confronting a wide range of threats, including atrocities, poverty, hunger, disease, and climate change. This class examines the major theoretical approaches to understanding the United Nations and world order and takes up the role of the organization in issues of international peace and security, economic development, and human rights and humanitarian affairs. Prerequisite: a year of Political Science or Peace and Conflict Studies courses or permission of the instructor.

POLS B381 Nietzsche, Self, and Morality

This course examines Nietzsche’s thought, with particular focus on questions concerning the nature of the self and morality. The texts for the course are drawn mostly from Nietzsche’s own writing, but these are complemented by some contemporary work in moral philosophy and philosophy of mind that has a Nietzschean influence.

POLS B382 Religious Fundamentalism in the Global Era

This seminar examines the growing importance of economic issues in world politics and traces the development of the modern world economy from its origins in colonialism and the industrial revolution. Major paradigms in political economy are critically examined. Aspects of and issues in international economic relations such as finance, trade, migration, and foreign investment are examined in the light of selected approaches.

POLS B383 Two Hundred Years of Islamic Reform, Radicalism, and Revolution

This course will examine the transformation of Islamic politics in the past two hundred years, emphasizing historical accounts, comparative analysis of developments in different parts of the Islamic world. Topics covered include the rationalist Salafy movement; the so-called conservative movements (Sanussi of Libya, the Mahdi in the Sudan, and the Wahhabi movement in Arabia); the Caliphate movement; contemporary debates over Islamic constitutions; among others. The course is not restricted to the Middle East or Arab world. Prerequisites: a course on Islam and modern European history, or an earlier course on the Modern Middle East or 19th-century India, or permission of instructor.

POLS B385 Democracy and Development

An in-depth examination of the changing relationship of the state and the market in the U.S. today, the course uses history, theory and empirical research to examine whether the public policies being enacted are producing a fundamental shift in the U.S. political economy. The course centers on the implication for the relationship of democracy to capitalism. Prerequisite: POLS B121

POLS B387 Politics, Markets and the Presidency of Barack Obama

This seminar examines the growing importance of economic issues in world politics and traces the development of the modern world economy from its origins in colonialism and the industrial revolution. Major paradigms in political economy are critically examined. Aspects of and issues in international economic relations such as finance, trade, migration, and foreign investment are examined in the light of selected approaches.

POLS B391 International Political Economy

This seminar examines the growing importance of economic issues in world politics and traces the development of the modern world economy from its origins in colonialism and the industrial revolution. Major paradigms in political economy are critically examined. Aspects of and issues in international economic relations such as finance, trade, migration, and foreign investment are examined in the light of selected approaches.

POLS B392 State in Theory and History

This class connects the fields of political sociology and international relations to examine the roots of states as the predominant form of political authority, to assess its behavior in global affairs, and to consider its future. Concepts include: class coalitions, democracy, capitalism, socialism, authoritarianism, revolutions, states, international organizations, and empires. Prerequisite: Two courses in Political Science or Peace and Conflict Studies or permission of the instructor.

POLS B393 U.S. Welfare Politics: Theory and Practice

Major theoretical perspectives concerning the welfare state with a focus on social policy politics, including recent welfare reforms and how in an era of globalization there has been a turn to a more restrictive system of social provision. Special attention is paid to the ways class, race, and gender are involved in making of social
welfare policy and the role of social welfare policy in reinforcing class, race, and gender inequities. Prerequisite: POLS B121 or SOCL B102.
(Schram, Division I: Social Science)
Cross-listed as SOCL B393
Not offered in 2010-11.

POLS B398 Senior Conference
Required of senior majors. In weekly group meetings as well as individual tutorials, faculty work with students on research strategies, on refining research topics, and on supervising research progress for the senior thesis. (Allen, Elkins, Golden, Hager, Hoffman, Salkever)

POLS B399 Senior Essay
(Elkins, Golden, Hager, Salkever)

POLS B403 Supervised Work
(Staff)

POLS B425 Praxis III: Independent Study
(Staff)

Psychology

Students may complete a major or minor in Psychology. Within the major, students may complete a concentration in neural and behavioral sciences.

Faculty

Kimberly E. Cassidy, Provost and Professor
Mary M. Eno, Lecturer
Staci Heindel, Lecturer
Clark R. McCauley Jr., Professor
Lauren J Myers, Visiting Assistant Professor
Paul D. Neuman, Senior Lecturer
Leslie Rescorla, Professor (on leave semester II)
Carol H. Roberts, Lecturer
Marc S. Schulz, Professor
Anjali Thapar, Associate Professor and Chair
Earl Thomas, Professor
Robert H. Wozniak, Professor

The department offers the student a major program that allows a choice of courses from among a wide variety of fields in psychology: clinical, cognitive, developmental, physiological, and social. In addition to the considerable breadth offered, the program encourages the student to focus on more specialized areas through advanced coursework, seminars and especially through supervised research. Students have found that the major program provides a strong foundation for graduate work in clinical, cognitive, developmental, experimental, physiological, and social psychology, as well as for graduate study in law, medicine, and business.

Major Requirements

Major requirements in Psychology are PSYC 101, 102, or 105 (or a one-semester introductory psychology course taken elsewhere); PSYC 205; and eight additional courses (not including the Junior Brown Bag). Starting with the class of 2012, majors must complete four courses at the 200 level, three courses at the 300 level, and one Senior Requirement. Majors may elect to fulfill their Senior Requirement with PSYC 400 (Senior Seminar in Psychology) or by completing two semesters of supervised research (PSYC 401 or PSYC 403).

Majors may substitute advanced placement credit (score of 5 on the Psychology Advanced Placement exam) for PSYC 101, 102, or 105. In general, courses at the 200 level survey major content areas of psychological research. With the exception of PSYC 205, all 200-level courses require PSYC 101, 102, or 105 or the permission of the instructor. Courses at the 300 level typically
have a 200-level survey course as a prerequisite and offer either specialization within a content area or integration across areas. Courses at the 400 level are senior capstone courses and are intended to provide psychology majors with an intensive and integrative experience in psychology to culminate their undergraduate careers.

The Psychology major requires one course with a laboratory. The laboratory requirement is typically fulfilled by PSYC 101, 102, or 105. If a student takes introductory psychology elsewhere, and the course has no laboratory, or the student receives advanced placement credit for introductory psychology, then a laboratory course at the 200 or 300 level can be taken to fulfill the laboratory requirement. Students who take Haverford courses with the half credit laboratory attachments may count the laboratory portion of the course toward fulfilling the lab requirement for the Bryn Mawr major (Note: PSYC 205 can not be used to fulfill the laboratory requirement).

Majors are also required to attend a one-hour, weekly brown bag in the junior year for one semester. This requirement is designed to sharpen students’ analytical and critical thinking skills, to introduce students to faculty members’ areas of research, to provide additional opportunities for student-faculty interactions, and to build a sense of community.

Advising

The selection of courses to meet the major requirements is made in consultation with the student’s major adviser. Any continuing faculty member can serve as a major adviser. It is expected that the student will sample broadly among the diverse fields represented in the curriculum. Courses outside the department may be taken for major credit if they satisfy the above descriptions of 200-level and 300-level courses and are approved by the student’s major adviser. Students should contact their major adviser about major credit for a course outside the department before taking the course.

Honors

Departmental honors (called Honors in Research in Psychology) are awarded on the merits of a report of research (the design and execution; and the scholarship exhibited in the writing of a paper based on the research). To be considered for honors, students must have a grade point average in psychology of 3.6 or higher at the end of the fall semester of the senior year.

Minor Requirements

A student may minor in Psychology by taking PSYC 101, 102, or 105 and any other five courses that meet the requirements of the major.

Concentration in Neural and Behavioral Sciences

An interdepartmental concentration in Neural and Behavioral Sciences is available as an option to students majoring in either biology or psychology. Students electing this option must fulfill requirements of both the major and the concentration, which is administered by an interdepartmental committee.

For a Psychology major with a concentration in Neural and Behavioral Sciences, students must complete five required courses: PSYC 101, 102 or 105, 205, 212, 218, and one of the following 300-level courses—PSYC 323, 326, 350, 351, or 395.

Five additional psychology courses at the 200, 300, and 400 levels are required to complete the Psychology major with a concentration in Neural and Behavioral Sciences. These should be chosen in consultation with the major adviser to ensure that the distribution of 200- and 300-level courses satisfies the Psychology major requirements. Some of these courses (such as Supervised Research) may also fulfill core major requirements.

These departmental requirements are in addition to the requirements for the Neural and Behavioral Sciences concentration.

Minor in Computational Methods

Students majoring in psychology can minor in computational methods. Requirements for the minor are listed in Computer Science.

Haverford College Courses

Certain courses currently offered at Haverford College may be substituted for the equivalent Bryn Mawr courses for purposes of the Bryn Mawr psychology major.

Introductory psychology at Haverford may be substituted for 101/102/105. PSYC 200 at Haverford may be substituted for PSYC 205. The following courses at Haverford will count as 200-level courses for the major: PSYC 213 (Memory and Cognition), PSYCH 215 (Introduction to Personality Psychology), PSYC 217 (Biological Psychology), PSYC 224 (Social Psychology), PSYC 238 (Psychology of Language), PSYC 260 (Cognitive Neuroscience).

The following Haverford courses will count as 300-level courses for the major: PSYC 214 (Psychology of Adolescence), PSYC 220 (The Psychology of Time), PSYC 221 (The Primate Origins of Society), PSYC 222 (Evolution and Behavior), PSYCH 225 (Self and Identity), PSYC 240 (Psychology of Pain and Pain Inhibition), PSYC 250 (Biopsychology of Emotion and Personality), PSYC 311 (Advanced Personality Psychology: Freud), PSYC 325 (The Psychology of Close Relationships), PSYC 340 (Human Neuropsychology), PSYC 350

Minor in Computational Methods

Students majoring in psychology can minor in computational methods. Requirements for the minor are listed in Computer Science.

Haverford College Courses

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(Biopsychology of Stress), PSYC 370 (Neuroscience of Mental Illness). Students who take Haverford courses with the half credit laboratory attachments may count the lab portion of the course toward fulfilling the advanced lab requirement for the Bryn Mawr major.

**PSYC B101 Experimental Psychology**

Both PSYC 101 and 102 present psychology as a natural science and provide a survey of methods, facts, and principles relating to basic psychological processes. Topics covered in 101 include neural bases of behavior, learning and motivation, and psychosocial development and abnormal psychology. Topics covered in 102 include human cognition, cognitive development, individual differences, and social psychology. Lecture three hours and laboratory four hours a week (for both 101 and 102).

(Thomas, Rescorla, Division II with Lab)

*Not offered in 2010-11.*

**PSYC B102 Experimental Psychology**

Both PSYC 101 and 102 present psychology as a natural science and provide a survey of methods, facts, and principles relating to basic psychological processes. Topics covered in 101 include neural bases of behavior, learning and motivation, and psychosocial development and abnormal psychology. Topics covered in 102 include human cognition, cognitive development, individual differences, and social psychology. Lecture three hours and laboratory four hours a week (for both 101 and 102).

(McCauley, Myers, Division II with Lab)

*Not offered in 2010-11.*

**PSYC B105 Introductory Psychology**

How do biological predispositions, life experiences, social and cultural phenomena contribute to human and animal behavior? This biopsychosocial theme will be examined by studying both “normal” and “abnormal” behaviors in domains such as perception, cognition, learning, motivation, emotion, and social interaction, thereby providing an overview of psychology's many areas of inquiry.

(Myers, Rescorla, Division II with Lab)

**PSYC B201 Learning/Behavior Analysis**

This course covers the basic principles of behavior, and their application to the understanding of the human condition. Topics include the distinction between closed-loop (selection by consequences) and open-loop (elicitation and adjunctive behavior) relations, the distinction between contingency-shaped behavior and behavior under instructional control, discrimination and concept formation, choice, functional analysis of verbal behavior and awareness and problem solving. Behavior Analysis is presented as a distinct research methodology with a distinct language, as well as a distinct theoretical approach within psychology.

(Neuman, Division II)

**PSYC B203 Educational Psychology**

Topics in the psychology of human cognitive, social, and affective behavior are examined and related to educational practice. Issues covered include learning theories, memory, attention, thinking, motivation, social/emotional issues in adolescence, and assessment/learning disabilities. This course provides a Praxis Level I opportunity. Classroom observation is required. Prerequisite: Introductory Psychology (either PSYC 101, 102, or 105).

(Cassidy, Division I: Social Science)

**PSYC B205 Experimental Methods and Statistics**

An introduction to experimental design, general research methodology, and the analysis and interpretation of data. Emphasis will be placed on issues involved with conducting psychological research. Topics include descriptive and inferential statistics, experimental design and validity, analysis of variance, and correlation and regression. Each statistical method will also be executed using computers. Lecture three hours, laboratory 90 minutes a week.

(Thapar, Division I and Quantitative Skills)

**PSYC B206 Developmental Psychology**

A topical survey of psychological development from infancy through adolescence, focusing on the interaction of personal and environmental factors in the ontogeny of perception, language, cognition, and social interactions within the family and with peers. Topics include developmental theories; infant perception; attachment; language development; theory of mind; memory development; peer relations, schools and the family as contexts of development; and identity and the adolescent transition. Prerequisite: Introductory Psychology (PSYC 101, 102, or 105).

(Wozniak, Division I: Social Science)

**PSYC B208 Social Psychology**

A survey of theories and data in the study of human social behavior. Special attention to methodological issues of general importance in the conduct and evaluation of research with humans. Topics include group dynamics (conformity, leadership, encounter groups, crowd behavior, intergroup conflict); attitude change (consistency theories, attitudes and behavior, mass media persuasion); and person perception (stereotyping, essentializing, moral judgment). Participation in a research project is required. Prerequisite: One of the Introductory Psychology courses (PSYC 101, 102 or 105) or the permission of the instructor

(McCauley, Division I: Social Science)
PSYC B209 Abnormal Psychology

This course examines the experience, origins, and consequences of psychological problems. What do we mean by abnormal behavior or psychopathology? How is psychopathology assessed and classified? How do psychologists study and treat it? What causes psychological difficulties and what are their consequences? Are psychological states linked to physical health? Do psychological treatments (therapies) work? This course will consider major psychological, social, and biological explanatory models in addressing these questions. Readings, lecture, and discussion will introduce a broad range of psychological disturbances. Prerequisite: Introductory Psychology (PSYC 101, 102, or 105).
(Schulz, Division I: Social Science)

PSYC B212 Human Cognition

This course covers a variety of topics that deal with the scientific study of human cognition. Topics include perception, pattern recognition, attention, memory, visual imagery, language, reasoning, decision making, and problem solving. Historical as well as contemporary perspectives will be discussed, and data from cognitive psychology, cognitive neuroscience, and computational modeling will be reviewed. The laboratory consists of experiments related to these topics. Lecture three hours, laboratory 90 minutes a week. Prerequisite: Introductory Psychology (either PSYC 101, 102, or 105).
(Thapar, Division II with Lab)

PSYC B214 Applied Behavior Analysis

This course covers the basic principles of behavior and their relevance and application to clinical problems. Applied Behavior Analysis is an empirically-based treatment approach focusing less on treatment techniques and more on treatment evaluation. The course covers the techniques used (data gathering and analysis) to determine the effectiveness of treatments while in progress. To do this, examples of human problems may include eating disorders, anxiety disorders, addictive behavior, autistic behavior, attention deficit hyperactivity disorder and oppositional/conduct disorder.
(Neuman, Division I: Social Science)

PSYC B218 Behavioral Neuroscience

An interdisciplinary course on the neurobiological bases of experience and behavior, emphasizing the contribution of the various neurosciences to the understanding of basic problems of psychology. An introduction to the fundamentals of neuroanatomy, neurophysiology, and neurochemistry with an emphasis upon synaptic transmission; followed by the application of these principles to an analysis of sensory processes and perception, emotion, motivation, learning, and cognition. Lecture three hours a week. Prerequisite: Any of the Introductory Psychology courses (PSYC 101, 102, or 105).
(Thomas, Division II: Natural Science)

PSYC B250 Autism Spectrum Disorders

Focuses on theory of and research on Autism Spectrum Disorders (ASD). Topics include the history of autism; classification and diagnosis; epidemiology and etiology; major theories; investigations of sensory and motor atypicalities, early social communicative skills, affective, cognitive, symbolic and social factors; the neuropsychology of ASD; and current approaches to intervention. Prerequisite: Introductory Psychology (PSYC 101, 102, or 105).
(Wozniak)

PSYC B301 Advanced Research Methods

This course deals with psychology research and design methodology. An important purpose of the course is to help students with their undergraduate thesis research. Topics include: internal and external validity, reliability, characteristics of various methods (survey, case, observational, and experimental), data coding, levels of measurement, research ethics, and publication. Prerequisite: a 200 level survey course. Open only to senior psychology majors who are completing a senior thesis.
(Myers)

PSYC B308 Adult Development and Aging

The course explores the biological, psychological, and social aspects of aging into middle and late adulthood. Topics include: psychological and social developmental challenges; core biological changes; research methodology; demands and impact on caregivers and families; common psychopathology; social welfare policies and programs; and political, social, and academic discourse on aging in the 21st century. Different aging experiences by race, ethnicity, gender, class, culture, and sexual orientation are considered. Prerequisite: junior, senior or graduate status and any 200-level survey course.
(Bressi Nath, Thapar)

PSYC B310 Advanced Developmental Psychology

This course details theory and research relating to the development of children and adolescents with family, school, and cultural contexts. We examine topics including (but not limited to): developmental theory, infant perception, language, attachment, self-awareness, social cognition, symbolic thought, memory, parent-child relations, peer relations, and gender issues. Prerequisite: PSYC 206 or permission of the instructor.
(Wozniak)

PSYC B312 History of Modern American Psychology

An examination of major 20th-century trends in American psychology and their 18th- and 19th-century social and intellectual roots. Topics include physiological and philosophical origins of scientific psychology; growth of American developmental, comparative, social, and clini-
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General psychology; and the cognitive revolution. Prerequisite: any 200-level survey course. Open only to juniors and seniors majoring in psychology or by permission of the instructor.
(Wozniak)

PSYC B326 From Channels to Behavior

Introduces the principles, research approaches, and methodologies of cellular and behavioral neuroscience. The first half of the course will cover the cellular properties of neurons using current and voltage clamp techniques along with neuron simulations. The second half of the course will introduce students to state-of-the-art techniques for acquiring and analyzing data in a variety of rodent models linking brain and behavior.
Prerequisites: BIOL 101 and one of the following: PSYC 218, PSYC 217 at Haverford, or BIOL 202
(Brodueehr Thomas, Division II: Natural Science)
Cross-listed as BIOL B326

PSYC B328 Exploring Animal Minds

This course examines the question of animal cognition with a focus on natural behaviors as well as lab research. Topics include personality, communication, and social cognition. The importance of good research design and critical reading of research papers will be stressed.
Prerequisite: contact instructor.
(McCauley)
Not offered in 2010-11.

PSYC B340 Women’s Mental Health

This course will provide an overview of current research and theory related to women’s mental health. We will discuss psychological phenomena and disorders that are particularly salient to and prevalent among women, why these phenomena/disorders affect women disproportionately over men, and how they may impact women’s psychological and physical well-being. Psychological disorders covered will include: depression, eating disorders, dissociative identity disorder, borderline personality disorder, and chronic pain disorders. Other topics discussed will include work-family conflict for working mothers, the role of sociocultural influences on women’s mental health, and mental health issues particular to women of color and to lesbian women.
Prerequisite: PSYC B206 or PSYC B351.
(Rosenfeld, Division I: Social Science)
Not offered in 2010-11.

PSYC B346 Pediatric Psychology

This course uses a developmental-ecological perspective to understand the psychological challenges associated with physical health issues in children. The course explores how different environments support the development of children who sustain illness or injury and will cover topics including: prevention, coping, adherence to medical regimens, and pain management. The course will consider the ways in which cultural beliefs and values shape medical experiences.
Prerequisite: PSYC B206 highly recommended.
(Staff, Division I: Social Science)

PSYC B350 Developmental Cognitive Disorders

This course uses a developmental and neuropsychological framework to study several cognitive disorders (e.g., language delay, specific reading disability, nonverbal learning disabilities, and autism). Cognitive disorders are viewed in the context of the normal development of language, memory, attention, reading, and quantitative/spatial abilities. More general issues of curriculum/pedagogical adjustment, educational placement, law and policy for children with disabilities will also be covered.
Students will participate in a course-related placement approximately four hours a week. This course provides a Praxis Level I opportunity.
(Edge, Schmidt)
Not offered in 2010-11.

PSYC B351 Developmental Psychopathology

An examination of research and theory addressing the origins, progression, and consequences of maladaptive functioning in children, adolescents, and families. Major forms of psychopathology, such as depression and disruptive behavior syndromes, will be considered.
An important focus of the course is on the identification of biological, social, and psychological risk and protective factors for psychopathology and the implications of these factors for prevention and treatment efforts. The role of family-based risk and protective factors, such as marital conflict and parenting quality, will be emphasized.
Prerequisite: PSYC 206 or 209.
(Rescorla, Schulz)
Not offered in 2010-11.

PSYC B352 Advanced Topics in Developmental Psychology: The Development of Symbolic Thought

This course will provide an in-depth exploration of the development of symbolic thought in infancy and childhood. We will examine the major theories and recent empirical research on topics including language development, gesture, drawing, maps, pictures, pretend play, understanding of and learning from video images, literacy, and symbol use by non-human primates. In addition, the course contains a laboratory component, which will involve an original research project with children that is designed, collected and analyzed by the class members.
Prerequisite: PSYC 206 or the consent of the instructor.
(Myers, Division II with Lab)
PSYC B358 Political Psychology of Group Identification

This seminar will explore the common interests of psychologists and political scientists in the phenomena of group identification. The focus will be identification with ethnic and national groups, with special attention to the ways in which research on small-group dynamics can help us understand identification and conflict for these larger groups. The seminar will review major theories of group identity and examine several historical or current cases of successful and unsuccessful development of national identity. Prerequisite: PSYC 208 or two semesters of political science.
(McCauley, Ross)
Cross-listed as POLS B358

PSYC B364 Behavior Analytic Theory

Although behavior analysis is reputed to be a “tough minded” natural scientific approach to psychology, it is also rich in theory. Behavior analysis is as different in what is said and how it is said as in how research is conducted. Readings will be theoretical in nature from behavior analysis and other traditions that apply established principles to everyday concerns such as roommate disagreements as well as why we are not acting to save the world. Prerequisite: PSYC 201.
(Neuman)
Not offered in 2010-11.

PSYC B395 Psychopharmacology

A study of the role of drugs in understanding basic brain-behavior relations. Topics include the pharmacological basis of motivation and emotion; pharmacological models of psychopathology; the use of drugs in the treatment of psychiatric disorders such as anxiety, depression, and psychosis; and the psychology and pharmacology of drug addiction. Prerequisite: PSYC 218.
(Thomas)
Not offered in 2010-11.

PSYC B396 Topics in Neural and Behavioral Science

(Brodfeuhler, Compton)
Cross-listed as BIOL B396

PSYC B401 Supervised Research in Neural and Behavioral Sciences

Laboratory or field research on a wide variety of topics. Students should consult with faculty members to determine their topic and faculty supervisor, early in the semester prior to when they will begin.
(Thapar, Thomas)
Students may complete a major in Religion at Haverford College.

Faculty
J. David Dawson, Professor
Anne M. McGuire, Associate Professor
Tracey Hucks, Associate Professor
Terrence Johnson, Assistant Professor
Kenneth Koltun-Fromm, Associate Professor
Naomi Koltun-Fromm, Associate Professor
Travis Zadeh, Assistant Professor

The Department of Religion at Haverford views religion as a central aspect of human culture and social life. Religions propose interpretations of reality and shape very particular forms of life. In so doing, they make use of many aspects of human culture, including art, architecture, music, literature, science, and philosophy as well as countless forms of popular culture and daily behavior. Consequently, the fullest and most rewarding study of religion is interdisciplinary in character, drawing upon approaches and methods from disciplines such as anthropology, comparative literature and literary theory, gender theory, history, philosophy, psychology, political science, and sociology.

A central goal of the department is to enable students to become critically informed, independent, and creative interpreters of some of the religious movements, sacred texts, ideas and practices that have decisively shaped human experience. They are encouraged to engage in the breadth of scholarship in the study of religion as well as to develop skills in the critical analysis of the texts, images, beliefs, and performances of various religious traditions, including Judaism, Christianity, Islam and Buddhism. Students especially interested in Asian religions may work out a program of study in conjunction with the East Asian Studies department at Haverford and Bryn Mawr and with the Religion department at Swarthmore. Like other liberal arts majors, the religion major is meant to prepare students for a broad array of vocational possibilities. Religion majors typically find careers in law, public service (including both religious and secular organizations), medicine, business, ministry, and education. Religion majors have also pursued advanced graduate degrees in anthropology, history, political science, biology, Near Eastern studies, and religious studies.

For more information, see the department Web site at http://www.haverford.edu/relg/index.html.

Major Requirements

a. Six courses within one of the department’s three areas of concentration:

A. Religious Traditions in Cultural Context. The study of religious traditions and the textual, historical, sociological, and cultural contexts in which they develop. Critical analysis of formative texts and issues that advance our notions of religious identities, origins, and ideas.

B. Religion, Literature, and Representation. The study of religion in relation to literary expressions and other forms of representation, such as performance, music, film, and the plastic arts.

C. Religion, Ethics, and Society. The exploration of larger social issues such as race, gender, and identity as they relate to religion and religious traditions. Examines how moral principles, cultural values, and ethical conduct help to shape human societies.

These six courses within the area of concentration must include the department seminar in the major’s area of concentration: Religion 301 for Area A; Religion 303 for Area B; Religion 305 for Area C. Where appropriate and relevant to the major’s program, up to three courses for the major may be drawn from outside the field of religion, subject to departmental approval.

b. Junior Colloquium: An informal required gathering of the Junior majors once each semester. Students should complete a worksheet in advance in consultation with their major advisor and bring copies of the completed worksheet to the meeting.


d. At least four additional half-year courses drawn from outside the major’s area of concentration.

e. At least six of each major’s 11 courses must be taken in the Haverford religion department. Students planning to study abroad should construct their programs in advance with the department. Students seeking religion credit for abroad courses should write a formal petition to the department upon their return and submit all relevant course materials. Petitioned courses should be included within the student’s designated area of concentration.

f. In some rare cases, students may petition the department for exceptions to the major requirements. Such petitions must be presented to the department for approval in advance.

g. Final evaluation of the major program will consist of written work, including a thesis, and an oral examination completed in the context of the Senior Seminar, Religion 399b.
Requirements for Honors

Honors and High Honors in religion are awarded on the basis of the quality of work in the major and in the Senior Thesis (399b).

INTRODUCTORY COURSES

RELG H101 Introduction to the Study of Religion [A,B,C]

An introduction to the study of religion from three 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.

(Staff)

Typically offered in alternate years. Not offered in 2010-11.

RELG H108 Vocabularies of Islam [A]

Introduction to the foundational concepts of Islam and the diverse ways in which Muslims understand and practice their religion. Topics include scripture, prophethood, law, ritual, theology, mysticism, and art.

(Velji)

Typically offered in alternate years. Not offered in 2010-11.

RELG H110 Sacred Texts and Religious Traditions [A]

An introduction to Religion through the close reading of selected sacred texts of various religious traditions in their historical, literary, philosophical, and religious contexts.

(Zadeh)

Not offered in 2010-11.

RELG H118 Hebrew Bible: Literary Text and Historical Context

The Hebrew Bible, which is fundamental to both Judaism and Christianity, poses several challenges to modern readers. Who wrote it, when, and why? What was its significance then and now? How does one study the Bible from an academic point of view? Using literary, historical, theological, and archeological interpretive tools, this course will address these questions and introduce students to academic biblical studies.

(N. Koltun-Fromm)

Typically offered in alternate years.

RELG H121 Varieties of Judaism in the Ancient World [A,B]

From Abraham to Rabbi Judah the Prince, Judaism has been transformed from a local ethnic religious cult to a broad-based, diverse religion. Many outside cultures and civilizations, from the ancient Persians to the Imperial Romans, influenced the Jews and Judaism through language, culture and political contacts. Absorbing and adapting these various and often opposing influences, the Israelite, and then Jewish, community re-invented itself, often fragmenting into several versions at once. After the destruction of the temple, in 70 CE, one group, the rabbis, gradually came to dominate Jewish life. Why? This course will study those changes and developments which brought about these radical transformations.

(N. Koltun-Fromm)

Typically offered in alternate years.

RELG H122 Introduction to the New Testament

An introduction to the New Testament and early Christian literature. Special attention will be given to the Jewish origins of the Jesus movement, the development of traditions about Jesus in the earliest Christian communities, and the social contexts and functions of various texts. Readings will include non-canonical writings, in addition to the writings of the New Testament canon.

(McGuire)

Typically offered in alternate years. Not offered in 2010-11.

RELG H124 Introduction to Christian Thought [C]

An examination of some central concepts of the Christian faith, approached within the context of contemporary theological discussion. Basic Christian ideas will be considered in relation to one another and with attention to their classic formulations, major historical transformations, and recent reformulations under the pressures of modernity and postmodernity.

(Dawson)

Not offered in 2010-11.

RELG H128 Reading Sacred Texts: In Quest of the Human [B,C]

Religions propose various ways of becoming “fully,” “authentically,” or “actually” human. Non-religious humanists often counter that religions are not needed to achieve one’s humanity, or—in the worst case—positively undermine or destroy it. Taking Christianity as our test case, we’ll examine this clash of perspectives and contemplate its implications through reading, discussing, and writing in response to four texts: Augustine’s “Confessions”, Feuerbach’s “The Essence of Christianity”, Kierkegaard’s “Philosophical Fragments”, and Nietzsche’s “On the Genealogy of Morals”. Small group writing tutorials will be an important component of the course. (Satisfies the first year writing requirement.)

(Dawson)

Cross-listed in Writing Program

Not offered in 2010-11.

RELG H130 Material Religion in America [C]

An introduction to various forms of religious material practices in America. We will examine how persons and communities interact with material objects and media to explore and express religious identity. Topics may
include religion and sports, dance and ritual, food and dress, and the visual arts.
(K. Koltun-Fromm)
*Typically offered in alternate years. Not offered in 2010-11.*

**RELG H132 Varieties of African American Religious Experience**

This course will examine the history of religion in America as it spans several countries. Each week lectures, readings, and discussions will explore the phenomenon of religion within American society. The goal is to introduce students to American religious diversity as well as its impact in the shaping of larger historical and social relationships within the United States. This study of American religion is not meant to be exhaustive and will cover select traditions each semester.
(Hucks)
*Cross-listed in African and Africana Studies
Not offered in 2010-11.*

**RELG H137 Black Religion and Liberation Theology [A]**

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.
(Staff)
*Cross-listed in African and Africana Studies
Not offered in 2010-11.*

**RELG H155 Themes in the Anthropology of Religion**

(Ngwane)
*Cross-listed in Anthropology and African and Africana Studies
Not offered in 2010-11.*

**INTERMEDIATE COURSES**

**RELG H201 Introduction to Buddhism**

(Glassman)
*Cross-listed in East Asian Studies
Not offered in 2010-11.*

**RELG H202 The End of the World as We Know it [A]**

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.
(Velji)

**RELG H203 The Hebrew Bible and its Interpretations [A,B]**

This course will critically study select Hebrew Biblical passages (in translation) as well as Jewish and Christian Biblical commentaries in order to better understand how Hebrew Biblical texts have been read, interpreted and explained by ancient and modern readers alike. Students will also learn to read the texts critically and begin to form their own understandings of them.
(N. Koltun-Fromm)
*Typically offered in alternate years. Not offered in 2010-11.*

**RELG H212 Jerusalem: City, History and Representation [A]**

An examination of the history of Jerusalem as well as a study of Jerusalem as religious symbol and how the two interact over the centuries. Readings from ancient, medieval, modern and contemporary sources as well as material culture and art.
(N. Koltun-Fromm)
*Not offered in 2010-11.*

**RELG H214 Prophetic Imaginations in the American Tradition**

An examination of prophecy as a form of social criticism in colonial and contemporary America. The course identifies the prophetic tradition as an extension of the American Jeremiad. Particular attention is given to Reinhold Niebuhr and Martin Luther King Jr.
(Staff)
*Cross-listed in African and Africana Studies
Not offered in 2010-11.*

**RELG H221 Women and Gender in Early Christianity [A,C]**

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.
(McGuire)
*Cross-listed in Gender and Sexuality Studies
Typically offered in alternate years. Not offered in 2010-11.*

**RELG H222 Gnosticism [A,B]**

The phenomenon of Gnosticism examined through close reading of primary sources, including the recently discovered texts of Nag Hammadi. Topics include the
relation of Gnosticism to Greek, Jewish, and Christian thought; the variety of Gnostic schools and sects; gender imagery, mythology and other issues in the interpretation of Gnostic texts.
(McGuire)
*Typically offered in alternate years. Not offered in 2010-11.*

**RELG H231 Religious Themes in African American Literature [B]**

This course will explore African American literary texts as a basis for religious inquiry. Throughout the course we will examine African American novelists and literary scholars using their works as a way of understanding black religious traditions and engaging important themes in the study of religion. Authors discussed may include Zora Neale Hurston, James Baldwin, Ishmael Reed, Maryse Conde and others.
(Hucks)
*Cross-listed in African and Africana Studies Not offered in 2010-11.*

**RELG H236 Race, Culture, Representation: Blacks and Jews in America [A]**

This course offers a constructive, interdisciplinary vision of the ways American Blacks and Jews represent, articulate, enact, and perform their religious and cultural identities. Using primary, secondary, visual, and material resources, the course will explore an array of themes that speak to the religious and social inter-sectionality of the Black and Jewish experience in America.
(Hucks, K. Koltun-Fromm, Johnson)
*Not offered in 2010-11.*

**RELG H240 History and Principles of Quakerism**

(Lapsansky)
*Cross-listed in History and Peace and Conflict Studies*

**RELG H242 Topics in Religion and Intellectual History: The Religious Writings of James Baldwin [A]**

(Hucks)
*Cross-listed in African and Africana Studies Typically offered in alternate years.*

**RELG H247 Death and the Afterlife in East Asia**

*Prerequisite: One 100 level course in Religion, History, Anthropology, or East Asian Studies*  
(Glassman)
*Cross-listed in East Asian Studies*

**RELG H248 The Quran**

Overview of the Qur’an—the scripture of Islam. Major themes include: orality / textuality; sanctity and material culture; revelation, translation, and inimitability; calligraphy, bookmaking and architecture; along with modes of scriptural exegesis as practiced over time by both Muslims and non-Muslims alike.
(Zadeh)
*Cross-listed in Comparative Literature Not offered in 2010-11.*

**RELG H250 Jewish Images, Imagining Jews**

(K. Koltun-Fromm)
*Not offered in 2010-11.*

**RELG H251 Comparative Mystical Literature [B]**

Readings in medieval Jewish, Christian and Islamic mystical thought, with a focus on the Zohar, Meister Eckhart, the Beguine mystics Hadewijch of Antwerp and Marguerite Porete, and the Sufi Master Ibn ‘Arabi. The texts are a basis for discussions of comparative mysticism and of the relationship of mysticism to modern critical theories.
(Zadeh)

**RELG H256 Zen Thought, Zen Culture, Zen History**

(Glassman)
*Cross-listed in East Asian Studies and History*

**RELG H260 Getting Medieval: Tolerance, Persecution, and Religious Violence [A]**

Explores literary and philosophical exchanges, alongside religious violence and persecution, amongst Jews, Christians, and Muslims in late Antiquity and the Middle Ages. *Prerequisite: None.*
(Zadeh)
*Not offered in 2010-11.*

**RELG H264 Religion and Violence [A]**

Drawing on rich anthropological and theological traditions, this course will explore the logic, function and rhetoric of phenomena such as sacrifice, martyrdom, and scapegoating. Our efforts to understand touchstone works of modern philosophy and anthropology will be aided by the screening of thematically related movies.
(Johnson)

**RELG H277 Modern Christian Thought [C]**

The impact of modernity on traditional Christian thought in the Nineteenth Century West. Readings may include Hume, Kant, Schleiermacher, Hegel, Feuerbach, Nietzsche, Kierkegaard, and others.
(Dawson)
*Not offered in 2010-11.*
RELG H278 Christian Thought from Modernity to Post-modernity [A,B]

Twentieth-century and Twenty-First Century Christian thought in the West. Readings may include Barth, Bultmann, Reinhold Niebuhr, Rahner, von Balthasar, Segundo, Tracey, Frei, McFague, Irigaray, Cone, Lindbeck, Marion, and others.
(Dawson)
Cross-listed in Comparative Literature
Offered occasionally. Not offered in 2010-11.

RELG H281 Modern Jewish Thought [C]

Jewish responses to modern philosophy and science that challenge traditional Jewish religious expression and thought. The course examines how Jewish thinkers engage modern debates on historical inquiry, biblical criticism, existentialism, ethics, and feminism. Our goal will be to assess those debates, and determine how these thinkers construct and defend modern Jewish identity in the face of competing options. Readings may include Spinoza, Mendelssohn, Cohen, Rosenzweig, Heschel, Buber, and Adler.
(K. Koltun-Fromm)
Cross-listed in Philosophy

RELG H284 American Judaism [A]

An exploration of the cultural, social, and religious dynamics of American Judaism. The course will focus on the representation of Jewish identity in American culture, and examine issues of Jewish material, gender, and ritual practices in American history. We will study how Jews express identity through material objects, and how persons work with objects to produce religious meaning. Prerequisite: None
(K. Koltun-Fromm)
Not offered in 2010-11.

RELG H286 Religion and American Public Life [A]

This course examines the role of Christianity in shaping America's religious identity(ies) and democratic imagination(s). The course will also examine whether, if at all, citizens are justified in retrieving their religious commitments in public debates.
(Johnson)
Cross-listed in Political Science

RELG H299 Theoretical Perspectives in the Study of Religion [A,B,C]

Description: 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.
(Dawson)

SEMINARS AND INDEPENDENT STUDY

All religion department seminars may be repeated for credit with change of content.

RELG H282 The Allegorical Imagination

An exploration of allegory as a recurring literary, philosophical, and religious phenomenon in Western literature and culture. Readings may include Philo, Origen, Augustine, Prudentius, Dante, Bunyan, Coleridge, Emerson, Auerbach, Bloom, Fletcher, DeMan.
(Dawson)
Cross-listed in Comparative Literature

RELG H301 Concentration Seminar A: Religious Traditions in Cultural Context [A]

(N. Koltun-Fromm)
Cross-listed in Gender and Sexuality Studies
Typically offered every Fall.

RELG H303 Concentration Seminar B: Religion, Literature and Representation [B]

(Hucks)
Typically offered every Fall.

RELG H305 Concentrations Seminar C: Religion, Ethics and Society [C]

(K. Koltun-Fromm)
Typically offered every Fall.

RELG H306 Of Monsters and Marvels: Wonder in Islamic Traditions

From contemplating the cosmos to encountering the monstrous, this course explores the place of wonder in Islamic traditions through readings from the Qur'an, exegesis, prophetic traditions, popular literature, travel narratives, descriptive geography, philosophy and theology. Prerequisite: Consent
(Zadeh)
Cross-listed in Comparative Literature
Not offered in 2010-11.
RELG H307 Imagining Islam: Icon, Object, and Image

Explores the place of material and visual culture in Islam, examining how Muslims have conceptualized and deployed material and visual forms of religious expressions in a number of historical contexts. 

Prerequisite: None
(Zadeh)
Not offered in 2010-11.

RELG H308 Mystical Literatures of Islam

Overview of the literary expressions of Islamic mysticism through the study of poetry, philosophy, hagiographies, and anecdotes. Topics include: unio mystica; symbol and structure; love and the erotic; body / gender; language and experience.
(Zadeh)
Cross-listed in Comparative Literature and Gender and Sexuality Studies
Not offered in 2010-11.

RELG H310 Sex and Gender in Japanese Buddhism

(Glassman)
Cross-listed in East Asian Studies

RELG H330 Seminar in the Writings of Women of African Descent [C]

This seminar will examine the writings of women of African descent from Africa, North America, and the Caribbean. Using primary and secondary texts from the nineteenth to the twentieth centuries, this course will explore the various religious traditions, denominations, sects, and religious and cultural movements in which women of African descent have historically participated. The course will also analyze the ways in which specific social conditions and cultural practices have historically influenced the lives of these women within their specific geographical contexts.
(Hucks)
Cross-listed in African and Africana Studies and Gender and Sexuality Studies

RELG H343 Seminar in Religions of Antiquity and Biblical Literature [A,B]

(McGuire)
Not offered in 2010-11.

RELG H345 Seminar in the History of Christianity: Unmaking and Remaking the World [A]

(Dawson)

RELG H360 Seminar in Christian Thought: Blake’s Revisionary Reading of Enlightenment Cosmology [B,C]

(Dawson)

RELG H370 Topics in Buddhist Studies

Prerequisite: EAST 201 or PHIL 242 or permission.
(Glassman)
Cross-listed in East Asian Studies
Not offered in 2010-11.

RELG H399 Senior Seminar and Thesis [A]

Prerequisite: Religion 301, 303, or 305 and the approval of the Department of Religion.
(Dawson, Hucks, Johnson, K. Koltun-Fromm, N. Koltun-Fromm, McGuire, Zadeh)

RELG H460 Teaching Assistant [A]

Prerequisite: Religion majors by consent.
(Hucks, K. Koltun-Fromm, Johnson)

RELG H480 Independent Study [A]

Conducted through individual tutorial as an independent reading and research project.
(Johnson)
Romance Languages

Students may complete a major in Romance Languages.

Coordinators:
Grace M. Armstrong, French and Francophone Studies
David Cast, Italian
María Cristina Quintero, Spanish

The Departments of French and Francophone Studies, Italian, and Spanish cooperate in offering a major in Romance Languages that requires advanced work in at least two romance languages and literatures. Additional work in a third language and literature is suggested.

Major Requirements

The requirements for the major are a minimum of nine courses, including the Senior Conference or Senior Essay, described below, in the first language and literature and six courses in the second language and literature, including the Senior Conference in French. Students should consult with their advisers no later than their sophomore year in order to select courses in the various departments that complement each other.

The following sequence of courses is recommended when the various languages are chosen for primary and secondary concentration, respectively (see the departmental listings for course descriptions).

First Language and Literature

French
FREN 101-102 or 101-105; or 005-102 or 005-105.
Four literature courses at the 200 level.
FREN 260 (BMC) or 212 (HC).
Two courses at the 300 level.

Italian
ITAL 101, 102, or 105.
Four courses at the 200 level.
Three courses at the 300 level.

Spanish
SPAN 200.
SPAN 202.
Four courses at the 200 level.
Two courses at the 300 level.

Second Language and Literature

French
FREN 101-102 or 101-105; or 005-102 or 005-105.
Two literature courses at the 200 level.
FREN 260 (BMC) or 212 (HC).
One course at the 300 level.

Italian
ITAL 101, 102, or 105.
Two literature courses at the 200 level.
Two literature courses at the 300 level.

Spanish
SPAN 200
SPAN 202.
Two courses at the 200 level.
Two courses at the 300 level.

In addition to the coursework described above, when the first language and literature is Spanish, majors in Romance Languages must enroll in SPAN 398 (Senior Seminar).* When French is chosen as either the first or second language, students must take the first semester Senior Conference in French (FREN 398) in addition to the coursework described above.** When Italian is chosen, students must take ITAL 399, offered in consultation with the department, in addition to the coursework described above in order to receive honors.*** An oral examination (following the current model in the various departments) may be given in one or both of the two languages, according to the student’s preference, and students follow the practice of their principal language as to written examination or thesis.

Please note that 398 does not count as one of the two required 300-level courses.

Interdepartmental courses at the 200 or 300 level are offered from time to time by the cooperating departments. These courses are conducted in English on such comparative Romance topics as epic, romanticism, or literary vanguard movements of the 20th century. Students should be able to read texts in two of the languages in the original.

* In order to receive honors, students whose first language is Spanish are required to write a senior essay (SPAN 399).

** For students whose first language is French, honors are awarded on the basis of performance in Senior Conference and on a successfully completed thesis or senior essay.

*** In order to receive honors, students whose first language is Italian are required to write a senior essay (ITAL 399).
Russian

Students may complete a major or minor in Russian.

Faculty
Elizabeth C. Allen, Professor (on leave semester II)
Sharon Bain, Lecturer
Dan E. Davidson, Professor
Timothy Harte, Associate Professor and Chair
Natalia Hayes, Instructional Assistant
Olga Semyonova Prokopenko, Instructor
Ekaterina Tarkahnova, Instructional Assistant

Faculty at Haverford College
Linda G. Gerstein, Professor
Vladimir Kontorovich, Professor

The Russian major is a multidisciplinary program designed to provide students with a broad-based understanding of Russian literature, thought, and culture. The major places a strong emphasis on the development of functional proficiency in the Russian language. Language study is combined with a specific area of concentration to be selected from the fields of Russian literature, history, economics, language/linguistics, or area studies.

College Foreign Language Requirement

The College’s foreign language requirement may be satisfied by completing RUSS 101 and 102 with an average grade of at least 2.0 or with a grade of 2.0 or better in RUSS 102.

Major Requirements

A total of 10 courses is required to complete the major: two in Russian language at the 200 level or above; four in the area of concentration, two at the 200 level and two at the 300 level or above (for the concentration in area studies, the four courses must be in four different fields); three in Russian fields outside the area of concentration; and either RUSS 398, Senior Essay, or RUSS 399, Senior Conference.

Majors are encouraged to pursue advanced language study in Russia in summer, semester, or year-long academic programs. Majors may also take advantage of intensive immersion language courses offered during the summer by the Bryn Mawr Russian Language Institute. As part of the requirement for RUSS 398/399, all Russian majors take senior comprehensive examinations that cover the area of concentration and Russian language competence.

Honors

All Russian majors are considered for departmental honors at the end of their senior year. The awarding of honors is based on a student’s overall academic record and all work done in the major.

Minor Requirements

Students wishing to minor in Russian must complete six units at the 100 level or above, two of which must be in the Russian language.

RUSS B001 Elementary Russian

Intensive Study of basic grammar and syntax. Fundamental skills in speaking, reading, writing, and oral comprehension are developed. Eight hours a week including conversation sections and language laboratory work. (Davidson, Language Level 1)

RUSS B002 Elementary Russian

Intensive Study of basic grammar and syntax. Fundamental skills in speaking, reading, writing, and oral comprehension are developed. Eight hours a week including conversation sections and language laboratory work. (Davidson, Language Level 1)

RUSS B101 Intermediate Russian

Continuing development of fundamental skills with emphasis on vocabulary expansion in speaking and writing. Readings in Russian classics and contemporary works. Seven hours a week. (Bain, Language Level 2)

RUSS B102 Intermediate Russian

Continuing development of fundamental skills with emphasis on vocabulary expansion in speaking and writing. Readings in Russian classics and contemporary works. Seven hours a week. (Bain, Language Level 2)

RUSS B112 The Great Questions of Russian Literature

This course examines profound questions about the nature and purpose of human existence raised by preeminent 19th- and 20th-century Russian authors in major literary works, including Bulgakov’s The Master and Margarita, Chekhov’s The Seagull and The Cherry Orchard, Dostoevsky’s The Brothers Karamazov, Solzhenitsyn’s One Day in the Life of Ivan Denisovich, Tolstoy’s War and Peace, and Turgenev’s Sketches from a Hunter’s Album. Discussions address the definition of good and evil, the meaning of freedom, the role of rationality and the irrational in human behavior, and the relationship of art to life. No knowledge of Russian is required. (Allen, Division III: Humanities)
RUSS B115 The Golden Age of Russian Literature

An introduction to the great 19th Century Russian authors and some of their most famous, seminal works, including Pushkin’s “The Queen of Spades” and Eugene Onegin, Gogol’s The Inspector General and “The Overcoat”, Turgenev’s Fathers and Sons, Dostoevsky’s “The Double” and “White Nights” and Tolstoy’s Childhood, Boyhood and Youth. All readings, lectures, and discussions are conducted in English.
(Allen, Division III: Humanities)
Not offered in 2010-11.

RUSS B201 Advanced Russian

Intensive practice in speaking and writing skills using a variety of modern texts and contemporary films and television. Emphasis on self-expression and a deeper understanding of grammar and syntax. Five hours a week.
(Harte)

RUSS B202 Advanced Russian

Intensive practice in speaking and writing skills using a variety of modern texts and contemporary films and television. Emphasis on self-expression and a deeper understanding of grammar and syntax. Five hours a week.
(Harte)

RUSS B212 Russian Literature in Translation: The Silver Age

This course surveys novels, short stories, plays, and poetry associated with Russia’s turn into the 20th century and the rise of modernism. Contemporaneous works of music and painting are also considered. Readings include: Dostoevsky’s Notes from Underground, Tolstoy’s “The Death of Ivan Ilych,” Chekhov’s The Cherry Orchard and Three Sisters, Mayakovsky’s “A Cloud in Trousers.” All readings, lectures, and discussions in English.
(Allen, Division III: Humanities)

RUSS B221 The Serious Play of Pushkin and Gogol

This course explores major contributions to the modern Russian literary tradition by its two founding fathers, Aleksander Pushkin and Nikolai Gogol. Comparing short stories, plays, novels, and letters written by these pioneering artists, the course addresses Pushkin’s and Gogol’s shared concerns about human freedom, individual will, social injustice, and artistic autonomy, which each author expressed through his own distinctive filter of humor and playfulness. No knowledge of Russian is required.
(Allen, Division III: Humanities)
Not offered in 2010-11.

RUSS B223 Russian and East European Folklore

This interdisciplinary course introduces students to major issues in Russian and East European folklore including epic tales, fairy tales, calendar and life-cycle rituals, and folk beliefs. The course also presents different theoretical approaches to the interpretation of folk texts as well as emphasizes the influence of folklore on literature, music, and art. No knowledge of Russian is required.
(Bain, Division III: Humanities)
Not offered in 2010-11.

RUSS B225 Dostoevsky: Daydreams and Nightmares

A survey of novels, novellas, and short stories highlighting Dostoevsky’s conception of human creativity and imagination. Texts prominently portraying dreams, fantasies, delusions, and visual and aural hallucinations, as well as artists and artistic creations, permit exploration of Dostoevsky’s fundamental aesthetic, psychological, and moral beliefs. Readings include The Brothers Karamazov, The Double, “The Dream of a Ridiculous Man,” “The Gentle Creature,” The Idiot, Notes from Underground, and White Nights.
(Allen, Division III: Humanities)
Not offered in 2010-11.

RUSS B235 The Social Dynamics of Russian

An examination of the social factors that influence the language of Russian conversational speech, including contemporary Russian media (films, television, and the Internet). Basic social strategies that structure a conversation are studied, as well as the implications of gender and education on the form and style of discourse. Prerequisites: RUSS 201, 202, may be taken concurrently.
(Davidson, Hayes, Division I: Social Science)

RUSS B238 The History of Cinema 1895 to 1945

Silent Film: From the United States to Soviet Russia and Beyond

This course explores cinema from its earliest, most primitive beginnings up to the end of the silent era. While the course will focus on a variety of historical and theoretical aspects of cinema, the primary aim is to look at films analytically. Emphasis will be on the various artistic methods that went into the direction and production of a variety of celebrated silent films from around the world. These films will be considered in many contexts: artistic, historical, social, and even philosophical, so that students can develop a deeper understanding of silent cinema’s rapid evolution.
(Harte, Division III: Humanities)
Cross-listed as ENGL B238
Cross-listed as COML B238
Cross-listed as HART B238
RUSS B252 The Masterpieces of Russian and Soviet Cinema
This course explores the major trends and most significant works of Russian and Soviet cinema. Emphasis placed on the wildly disparate phases of Soviet and Russian cinema: Russia’s silent films; the innovations of the 1920s; Stalinist cinema; “thaw” films; and post-Soviet experimentation. All films shown with subtitles; no knowledge of Russian required. (Harte, Division I or Division III) Not offered in 2010-11.

RUSS B253 Theory in Practice: Critical Discourses in the Humanities
(Higginson, Division III: Humanities) Cross-listed as FREN B213 Cross-listed as COML B213 Cross-listed as GERM B213 Cross-listed as HART B213

RUSS B254 Russian Culture and Civilization
A history of Russian culture—its ideas, its value and belief systems—from the origins to the present that integrates the examination of works of literature, art, and music. (Bain, Division I or Division III)

RUSS B258 Soviet and Eastern European Cinema of the 1960s
This course examines 1960s Soviet and Eastern European “New Wave” cinema, which won worldwide acclaim through its treatment of war, gender, and aesthetics. Films from Czechoslovakia, Hungary, Poland, Russia, and Yugoslavia will be viewed and analyzed, accompanied by readings on film history and theory. All films shown with subtitles; no knowledge of Russian or previous study of film required. (Harte, Division I or Division III) Not offered in 2010-11.

RUSS B261 The Russian Anti-Novel
A study of 19th- and 20th-century Russian novels focusing on their strategies of opposing or circumventing European literary conventions. Works by Bulgakov, Dostoevsky, Nabokov, Pushkin, and Tolstoy, are compared to Jane Austen’s Pride and Prejudice and other exemplars of the Western novelistic tradition. All readings, lectures, and discussions in English. (Allen, Division III: Humanities) Cross-listed as COML B261 Not offered in 2010-11.

RUSS B271 Chekhov: His Short Stories and Plays in Translation
A study of the themes, structure and style of Chekhov’s major short stories and plays. The course will also explore the significance of Chekhov’s prose and drama in the English-speaking world, where this masterful Russian writer is the most staged playwright after Shakespeare. All readings and lectures in English. (Harte, Division III: Humanities)

RUSS B277 Nabokov in Translation
A study of Vladimir Nabokov’s writings in various genres, focusing on his fiction and autobiographical works. The continuity between Nabokov’s Russian and English works is considered in the context of the Russian and Western literary traditions. All readings and lectures in English. (Harte, Division III: Humanities) Cross-listed as ENGL B277 Not offered in 2010-11.

RUSS B305 Advanced Russian: Syntax and Style
This course focuses on stylistic variations in oral and written Russian. Examples are drawn from contemporary film, television, journalism, fiction, and nonfiction. Emphasis is on expansion and refinement of speaking and writing skills. (Harte) Not offered in 2010-11.

RUSS B306 Advanced Russian: Syntax and Style
This course focuses on stylistic variations in oral and written Russian. Examples are drawn from contemporary film, television, journalism, fiction, and nonfiction. Emphasis is on expansion and refinement of speaking and writing skills. (Harte) Not offered in 2010-11.

RUSS B310 Old Russian
This advanced undergraduate seminar introduces students to the language and literary activities of Kyivan Rus (11th-14th century). Students will gain a reading knowledge of Old Church Slavonic and Old Russian sufficient for close reading and analysis of such seminal texts as the earliest translations of the Gospels, the Primary Chronicle, Ilarion’s Sermon on Law and Grace, the legend of Boris and Gleb, and others. The political and cultural background of the period will be addressed. Conducted in Russian and English. (Davidson, Division III: Humanities) Not offered in 2010-11.
RUSS B330 The Structure of Modern Russian I: Phonetics, Phonology, and Morphology
This seminar introduces advanced undergraduates and graduate students to the linguistic structure of contemporary standard Russian. Topics to be discussed include theoretical and practical issues in the description of Russian phonology, phonetics, intonation; verbal and nominal morphology; and accentuation. Conducted primarily in Russian. Followed by RUSS 331.
(Davidson)
Not offered in 2010-11.

RUSS B331 The Structure of Modern Russian II: Syntax, Semantics, Pragmatics
This seminar introduces advanced undergraduate students to the study of pragmatic norms in contemporary spoken and written Russian. Based on the understanding of language as a series of actions or communicative functions, the course will explore topics in speech act theory, politeness theory, and relevance theory. Discussions will also address practical issues for the acquisition of Russian, such as cross-cultural pragmatics, interlanguage pragmatics, and the teaching of foreign languages.
(Staff)
Not offered in 2010-11.

RUSS B335 Intercultural Pragmatics in Second Language Acquisition
Examines language use in cross-cultural contexts and the acquisition of conversational Russian. Compares the linguistic structure of speech acts in Russian and English, such as requests, commands, apologies, complaints, and threats and explores communication and social relationships between learners of Russian and native speakers. Other topics include the pragmatics of gender, body language, and etiquette in Russian.
Prerequisites: RUSS B101, B102 or equivalent.
(Bain, Division III: Humanities)
Not offered in 2010-11.

RUSS B342 Russian Culture Today
This seminar focuses on current cultural trends in Russia, with special emphasis on the interplay between various artistic media and post-Soviet Russia's rapidly developing society. Students will be introduced to contemporary Russian literature, painting, television, film, and music while considering such topics as Russia's ambiguous attitude toward the West, the rise of violence in Russian society, and Russia's evaluation of the past.
Prerequisite: RUSS 102 or the equivalent.
(Harte, Division I or Division III)
Not offered in 2010-11.

RUSS B347 Qualitative Methods in Second Language Acquisition
This course introduces students to qualitative research design and its application in the study of second language acquisition. Considering ethnography as a research paradigm, discussions will critique existing second language acquisition research that is conducted using qualitative methods. This class will also give students an opportunity to apply their theoretical understanding of qualitative methods to the design of their own research project.
(Staff)
Not offered in 2010-11.

RUSS B348 Russian Culture Today
Introduces the concept of linguistic identity in relation to other identity facets (e.g. gender, ethnicity, class, and culture) and explores ways in which acquisition of a second language affects self-conception and self-representation. Employs critical discourse analysis to discuss how second language learners construct identities through socialization into new speech communities. No knowledge of Russian is required.
(Staff, Division III: Humanities)
Not offered in 2010-11.

RUSS B360 Identity and Second Language Acquisition
This seminar introduces advanced undergraduate students to current theoretical and practical issues of Russian second-language acquisition. Topics to be discussed include formal and informal learning, measurement of competencies, standards and assessment issues, and cultural aspects of second-language acquisition. Conducted primarily in Russian.
(Staff)
Not offered in 2010-11.

RUSS B365 Language and Identity Politics of Language in Europe and Eurasia
A brief general introduction to the study of language policy and planning with special emphasis on the Russophone world, the newly independent states of the former Soviet Union. Surveys current theoretical approaches to bilingualism and language shift. Analyzes Soviet language and nationality policy using published census data for the Soviet period through 1989. Focus on the current "language situation" and policy challenges for the renewal of functioning native languages and cultures and maintenance of essential language competencies, lingua franca, both within the Russian Federation and in the "Near Abroad."
(Davidson, Division III: Humanities)
Not offered in 2010-11.
RUSS B380 Seminar in Russian Studies

An examination of a focused topic in Russian literature such as a particular author, genre, theme, or decade. Introduces students to close reading and detailed critical analysis of Russian literature in the original language. Readings in Russian. Some discussions and lectures in Russian. Prerequisites: RUSS 201 and one 200-level Russian literature course.
(Davidson, Hayes, Division III: Humanities)

RUSS B390 Russian for Pre-Professionals I

This capstone to the overall language course sequence is designed to develop linguistic and cultural proficiency in Russian to the “advanced level,” preparing students to carry out advanced academic study or research in Russian in a professional field. Prerequisite: RUSS 305-306 or equivalent, certified proficiency levels of 2- or 2 in two skills, one of which must be oral proficiency.
(Prokopenko, Tarkhanova, Division III: Humanities)

RUSS B391 Russian for Pre-Professionals II

Second part of year long capstone language sequence designed to develop linguistic and cultural proficiency to the “advanced level,” preparing students to carry out advanced academic study or research in Russian in a professional field. Prerequisite: RUSS 390 or equivalent.
(Prokopenko, Tarkhanova, Division III: Humanities)

RUSS B398 Senior Essay

Independent research project designed and conducted under the supervision of a departmental faculty member. May be undertaken in either fall or spring semester of senior year.
(Harte, Allen, Davidson)

RUSS B399 Senior Conference

Exploration of an interdisciplinary topic in Russian culture. Topic varies from year to year. Requirements may include short papers, oral presentations, and examinations.
(Bain)

RUSS B403 Supervised Work

(Harte, Allen, Prokopenko)

Haverford College currently offers the following courses of interest to Russian majors:
RUSS H244 Russia from 1800-1917
RUSS H249 The Soviet System and Its Demise
RUSS H356 Topics in Modern European History

Sociology

Students may complete a major or minor in Sociology.

Faculty

David Karen, Professor
Mary J. Osirim, Professor (on leave semester I)
Judith D.R. Porter, Katherine E. McBride Professor
Ruth Elizabeth Simpson, Visiting Professor
Robert Washington, Professor and Acting Chair
Nathan Daniel Wright, Assistant Professor

The major in Sociology provides a general understanding of the structure and functioning of modern society, its major institutions, groups, and values, and the interrelations of these with personality and culture. Students examine contemporary social issues and social problems, and the sources of stability, conflict, and change in both modern and developing societies. The department offers rigorous preparation in social theory and problem-driven training in quantitative and qualitative methodologies.

Major Requirements

Requirements for the major are SOCL 102, 265, 302, 303, Senior Seminar (398), five additional courses in sociology (one of which may be at the 100 level and at least one of which must be at the 300 level), and two courses in an allied subject. Some courses offered by the Graduate School of Social Work and Social Research (GSSWSR) give major or minor credit in Sociology. No more than two courses from GSSWSR can be applied to the major or minor. After completing SOCL 398, the student and faculty member may decide that the student will enroll in SOCL 403 to write a senior thesis. Allied courses are chosen from a list provided by the department. Further information is available at http://www.brynmawr.edu/sociology-major.shtml.

The Department of Sociology offers concentrations in gender and society, Asian American studies and African American studies. In pursuing these concentrations, majors should inquire about the possibility of coursework at Haverford and Swarthmore Colleges and the University of Pennsylvania.

Concentrations Within the Sociology Major

Gender and Society

Three courses are required for this concentration—at least two of these courses must be in sociology. The remaining course can be in sociology or an allied social science field. Students who pursue this concentration are required to take at least one of the core courses in
this area offered by the department: The Study of Gender in Society (SOCL 201) or Women in Contemporary Society: The Southern Hemisphere (SOCL 225). The department encourages students in this concentration to take courses that focus on the study of gender in both the Global North and the Global South. In addition to taking courses in this field at Bryn Mawr, students may also take courses towards this concentration in their study abroad programs or at Haverford, Swarthmore, and the University of Pennsylvania. Any course taken outside of the Bryn Mawr Department of Sociology must be approved by the department for concentration credit. Majors are urged to consult Mary Osirim about this concentration.

Asian American Studies

Students pursuing this concentration are required to take Asian American Communities (SOCL 249), in addition to two other courses. One of them must be either Challenges and Dilemmas of Diversity (SOCL 215) or Immigrant Experiences (SOCL 246). The other course can be in anthropology, East Asian studies, or any other relevant field, and must be approved by the department for concentration credit. Please contact Ayumi Takenaka for further information.

African American Studies

Three courses are required for this concentration—at least two of these courses must be in sociology. The remaining course can be in either sociology or an allied field. Students who pursue this concentration are required to take the core course offered by the Bryn Mawr Department of Sociology: Black America In Sociological Perspective (SOCL 229). Students are encouraged to take courses on Black America listed under the Bryn Mawr and Haverford Africana Studies Programs. Courses taken outside the Bryn Mawr Department of Sociology must be approved by the department for concentration credit. Majors interested in this concentration should consult Robert Washington for further information.

Honors

Honors in Sociology are available to those students who have a grade point average in the major of 3.5 or higher and who write a senior thesis that is judged outstanding by the department. The thesis would be written under the direction of a Sociology faculty member. Students are required to submit a thesis proposal which must be approved by the department in the semester prior to writing the thesis. Students should have prior course work in the subject area in which they plan to write a thesis.

Minor Requirements

Requirements for the minor are SOCL 102, 265, 302, and three additional courses within the department.

Students may choose electives from courses offered at Haverford College. Bryn Mawr majors should consult their department about major credit for courses taken at other institutions.

SOCL B102 Society, Culture, and the Individual

Analysis of the basic sociological methods, perspectives, and concepts used in the study of society, with emphasis on culture, social structure, personality, their component parts, and their interrelationship in both traditional and industrial societies. The sources of social tension, order, and change are addressed through study of socialization and personality development, inequality, power, and modernization.
(Karen, Division I: Social Science)

SOCL B103 U.S. Social Structure

Analysis of the structure and dynamics of modern U.S. society. Theoretical and empirical study of statuses and roles, contemporary class relations, the distribution of political power, and racial, ethnic, and gender relations in the United States; and stratification in education systems, complex organizations, the labor market, and the modern family.
(Osirim, Division I: Social Science)
Not offered in 2010-11.

SOCL B165 Problems in the Natural and Built Environment

This course situates the development of sociology as responding to major social problems in the natural and built environment. It demonstrates why the key theoretical developments and empirical findings of sociology are crucial in understanding how these problems develop, persist and are addressed or fail to be addressed.
(Wright, Division I: Social Science)
Not offered in 2010-11.

SOCL B175 Environment and Society: History, Place, and Problems

Introduces the ideas, themes, and methodologies of the interdisciplinary field of environmental studies beginning with definitions: what is nature? What is environment? And how do people and their settlements fit into each? The course then moves to distinct disciplinary approaches in which scholarship can and does (and does not) inform our perceptions of the environment. Assignments introduce methodologies of environmental studies, requiring reading landscapes, working with census data and government reports, critically interpreting scientific data, and analyzing work of experts.
(Simpson, Stroud, Division I: Social Science)
Cross-listed as CITY B175)
SOCL B201 The Study of Gender in Society
The definition of male and female social roles and Sociological approaches to the study of gender in the United States, with attention to gender in the economy and work place, the division of labor in families and households, and analysis of class and ethnic differences in gender roles. Of particular interest in this course is the comparative exploration of the experiences of women of color in the United States. (Osirim, Division I: Social Science)
Not offered in 2010-11.

SOCL B207 The Social Dynamics of Oppression
This course offers an introduction to prejudice and the dynamics of oppression at the individual, institutional and socio-cultural levels. The course provides a theoretical framework for understanding social oppression and inter-group relations. This course will also examine the theory behind how social identity groups form and how bias develops. (MacDonald-Dennis, Division I: Social Science)
Not offered in 2010-11.

SOCL B215 Challenges and Dilemmas of Diversity
This course will explore the sociological theories of racial/ethnic prejudice, discrimination, and conflict; the historical development of racial/ethnic groups in the United States; and current patterns and problems of racial/ethnic relations and the social policies being proposed to resolve those problems. (Washington Takenaka, Division I: Social Science)
Not offered in 2010-11.

SOCL B220 Medicine, the Body and Society
An introduction to the sociology of health and illness with a particular focus on the sociology of the body. Topics include: cross-cultural perceptions of the body and disease; the definition of “legitimate” medical knowledge and practice; social determinants of health and access to healthcare; management of healthcare costs. (Simpson, Division I: Social Science)

SOCL B225 Women in Society
A study of the contemporary experiences of women of color in the Global South. The household, workplace, community, and the nation-state, and the positions of women in the private and public spheres are compared cross-culturally. Topics include feminism, identity and self-esteem; globalization and transnational social movements and tensions and transitions encountered as nations embark upon development. (Osirim, Division I: Social Science)
Not offered in 2010-11.

SOCL B227 Sports in Society
Using a sociological, historical, and comparative approach, this course examines such issues as the role of the mass media in the transformation of sports; the roles played in sports by race, ethnicity, class, and gender; sports as a means of social mobility; sports and socialization; the political economy of sports; and sports and the educational system. (Karen, Washington)

SOCL B229 Black America in Sociological Perspective
This course provides sociological perspectives on various issues affecting black America: the legacy of slavery; the formation of urban ghettos; the struggle for civil rights; the continuing significance of discrimination; the problems of crime and criminal justice; educational under-performance; entrepreneurial and business activities; the social roles of black intellectuals, athletes, entertainers, and creative artists. (Washington, Division I: Social Science)
Cross-listed as CITY B269

SOCL B230 Comparative Urbanism
(McDonogh, Division I: Social Science)
Cross-listed as CITY B229
Cross-listed as ANTH B229
Cross-listed as EAST B229
Cross-listed as HART B229
Not offered in 2010-11.

SOCL B242 Urban Field Research Methods
This Praxis course intends to provide students with hands-on research practice in field methods. In collaboration with the instructor and the Praxis Office, students will choose an organization or other group activity in which they will conduct participant observation for several weeks. Through this practice, students will learn how to conduct field-based primary research and analyze sociological issues. (Takenaka, Division I: Social Science)
Cross-listed as ANTH B242
Cross-listed as CITY B242
Not offered in 2010-11.

SOCL B246 Immigrant Experiences: Introduction to International Migration
The course will examine the causes and consequences of immigration by looking at various immigrant groups in the United States in comparison with Western Europe, Japan, and other parts of the world. How is immigration induced and perpetuated? How are the types of migration changing (labor migration, refugee flows, return migration, transnationalism)? How do immigrants adapt
differently across societies? We will explore scholarly texts, films, and novels to examine what it means to be an immigrant, what generational and cultural conflicts immigrants experience, and how they identify with the new country and the old country.

(Takenaka, Division I: Social Science)

Cross-listed as ANTH B258

SOCL B249 Asian American Communities

This course is an introduction to the study of Asian American communities that provides comparative analysis of major social issues confronting Asian Americans. Encompassing the varied experiences of Asian Americans and Asians in the Americas, the course examines a broad range of topics—community, migration, race and ethnicity, and identities—as well as what it means to be Asian American and what that teaches us about American society.

(Takenaka, Division I: Social Science)

Cross-listed as ANTH B249

Cross-listed as CITY B249

SOCL B252 Sociology of Popular Music

This course explores the production, distribution, and consumption of popular music, paying particular attention to the interrelationships among artists, fans, the music industry, and the societal context. Themes include the tension between mainstream commercial success and artistic independence, popular music and politics, and music consumption and identity, gender, and sexuality.

(Wright, Division I: Social Science)

SOCL B257 Marginals and Outsiders: The Sociology of Deviance

An examination of unconventional and criminal behavior from the standpoint of different theoretical perspectives on deviance (e.g., social disorganization, symbolic interaction, structural functionalism, Marxism) with particular emphasis on the labeling and social construction perspectives; and the role of conflicts and social movements in changing the normative boundaries of society. Topics will include alcoholism, drug addiction, homicide, homosexuality, mental illness, prostitution, robbery, and white-collar crime.

(Washington, Division I: Social Science)

SOCL B258 Sociology of Education

Major sociological theories of the relationships between education and society, focusing on the effects of education on inequality in the United States and the historical development of primary, secondary, and post-secondary education in the United States. Other topics include education and social selection, testing and tracking, and micro- and macro-explanations of differences in educational outcomes. This is a Praxis I course; placements are in local schools.

(Karen, Division I: Social Science)

Not offered in 2010-11.

SOCL B262 Who Believes What and Why: The Sociology of Public Opinion

This course explores public opinion: what it is, how it is measured, how it is shaped, and how it changes over time. Specific attention is given to the role of elites, the mass media, and religion in shaping public opinion. Examples include racial/ethnic civil rights, abortion, gay/lesbian/transgendered sexuality, and inequalities.

(Wright, Division I: Social Science)

Cross-listed as POLS B262

SOCL B265 Research Design and Statistical Analysis

An introduction to the conduct of empirical, especially quantitative, social science inquiry. In consultation with the instructor, students may select research problems to which they apply the research procedures and statistical techniques introduced during the course. Using SPSS, a statistical computer package, students learn techniques such as cross-tabular analysis, multiple regression-correlation analysis, and factor analysis. Required of and limited to Bryn Mawr Sociology majors and minors.

(Wright, Division I and Quantitative Skills)

SOCL B266 Schools in American Cities

(Cohen, Division I: Social Science)

Cross-listed as EDUC B266

Cross-listed as CITY B266

SOCL B267 The Development of the Modern Japanese Nation

An introduction to the main social dimensions central to an understanding of contemporary Japanese society and nationhood in comparison to other societies. The course also aims to provide students with training in comparative analysis in sociology.

(Takenaka, Division I: Social Science)

Cross-listed as ANTH B267

Cross-listed as EAST B267

SOCL B273 Race and the Law in American Context

An examination of the intersection of race and law, evaluating the legal regulations of race, the history and meanings of race, and how law, history and the Supreme Court helped shape and produce those meanings. It will draw on materials from law, history, public policy, and critical race theory.

(Albert, Division I: Social Science)

Cross-listed as POLS B273

Not offered in 2010-11.
SOCL B275 Introduction to Survey Research Methods
Introduces the many facets of the survey collection process from start to finish. Topics include proposal development, instrument design, measurement, sampling techniques, survey pretesting, survey collection media, interviewing, index and scale construction, data analysis, interpretation, and report writing. Examines the effects of demographic and socioeconomic factors in contemporary survey data collection. Prerequisite: one course in social science. (Consiglio, Division I: Social Science) Not offered in 2010-11.

SOCL B286 Cultural Perspectives on Ethnic Identity in the Post Famine Irish Diaspora
(Kilbride, Division I: Social Science) Cross-listed as ANTH B286 Not offered in 2010-11.

SOCL B287 Urbanism as a Way of Life
How do cities affect our understanding of ourselves as individuals and our perception of the larger group? This course examines the urban experience, which extends far beyond the boundaries of the city itself. An introduction to urban sociology, the course will also make use of history, anthropology, literature and art. (Simpson, Division I: Social Science) Cross-listed as CITY B287 Not offered in 2010-11.

SOCL B302 Social Theory
Analysis of classical and modern theorists selected because of their continuing influence on sociological thought. Among the theoretical conceptions examined are: alienation, bureaucracy, culture, deviance, modernization, power, religion and the sacred, social change, social class, social conflict, social psychology of self, and status. Theorists include: Durkheim, Firestone, Gramsci, Marx, Mead, Mills, and Weber. Required of and limited to Bryn Mawr Sociology majors and minors. (Washington, Division I: Social Science) Cross-listed as ANTH B302

SOCL B303 Junior Conference: Discipline Based Intensive Writing
This course will require students to engage, through reading and writing, a wide range of qualitative methods in sociology. The emphasis of the course will be to develop a clear, concise writing style, while maintaining a sociological focus. Students develop a research design that may form the basis of a senior thesis. Required of and limited to Bryn Mawr sociology majors. (Osirim, Wright)

SOCL B309 Sociology of Religion
An analysis of the relationship between religion and society, emphasizing the connection between religious systems and secular culture, social structure, social change, secular values, and personality systems in cross-cultural perspective. The theories of Durkheim, Freud, Marx, and Weber, among others, are applied to analysis of the effect of religion on economic modernization, political nationalism, and social change and stability, and the effect of social class, secular culture, and personality patterns on religion. Prerequisite: At least one prior social science course or permission of the instructor. (Wright)

SOCL B310 Sociology of AIDS
An analysis of major sociological issues related to AIDS, including the social construction of the disease, social epidemiology, the psychosocial experience of illness, public opinion and the media, and the health care system. The implications of political and scientific controversies concerning AIDS will be analyzed, as will the impact of AIDS on the populations most affected in both the United States and Third World countries. Must be taken concurrently with SOCL 315. (Porter, Division I: Social Science)

SOCL B314 Immigrant Experiences
This course is an introduction to the causes and consequences of international migration. It explores the major theories of migration (how migration is induced and perpetuated); the different types of migration (labor migration, refugee flows, return migration) and forms of transnationalism; immigration and emigration policies; and patterns of migrants’ integration around the globe. It also addresses the implications of growing population movements and transnationalism for social relations and nation-states. Prerequisite: At least one prior social science course or permission of the instructor. (Takenaka)

SOCL B315 Sociology of AIDS Internship
An internship open only to those who are concurrently enrolled in SOCL 310. (Porter, Division I: Social Science)

SOCL B316 Science, Culture and Society
Science is a powerful institution in American life, with extensive political and personal consequences. Through case studies and cross-disciplinary readings, this course challenges students to examine the social forces that influence how science is produced and used in public (and private) debates. Prerequisite: one course in Sociology, or the consent of the instructor. (Simpson, Division I: Social Science) Not offered in 2010-11.
SOCL B325 Sociology of Culture

This seminar analyzes the sociological bases and ramifications of culture—by exploring (1) the role of social forces behind the cultural constructions of television programs, advertisements, journalism, movies, literary works, and politics; and (2) the sociological significance of those cultural constructions as normative messages pertaining to race relations, gender relations, class relations, and other spheres of social life.
(Washington)
Cross-listed as ENGL B305
Not offered in 2010-11.

SOCL B330 Comparative Economic Sociology: Societies of the North and South

A comparative study of the production, distribution, and consumption of resources in Global North and Global South societies from a sociological perspective, including analysis of precapitalist economic formations and of the modern world system. Topics include the international division of labor, entrepreneurship, the role of the modern corporation, globalization and development Evidence drawn from Brazil, Britain, Jamaica, Nigeria, and the United States. Prerequisite: at least one prior social science course or permission of the instructor.
(Osirim, Division I: Social Science)
Cross-listed as CITY B330
Not offered in 2010-11.

SOCL B335 Community Based Research

This course links each student researcher to a community organization to carry out and complete a research project. Students learn the specific needs of the organization and develop the necessary research skills for their particular project. Projects will be available in a variety of local schools and non-profit organizations in Philadelphia and Montgomery County. Students may contact the department in advance for information about the types of participating organizations during a particular semester. Prerequisite: at least one social science course and permission of the instructor.
(Karen)
Not offered in 2010-11.

SOCL B337 The Genealogical Imagination

Genealogical research focuses on individuals across generations but requires us to understand individual lives in their social context, as Mills argued in *The Sociological Imagination*. In this course, we will explore how understanding larger social forces and patterns, such as immigration, urbanization, discrimination, religion, and demographic change, helps us uncover and understand individual lives. Prerequisites: one course in Sociology or permission of the instructor.
(Simpson)

SOCL B338 The New African Diaspora: African and Caribbean Immigrants in the United States

An examination of the socioeconomic experiences of immigrants who arrived in the United States since the landmark legislation of 1965. After exploring issues of development and globalization at “home” leading to migration, the course proceeds with the study of immigration theories. Major attention is given to the emergence of transnational identities and the transformation of communities, particularly in the northeastern United States.
(Osirim, Division I: Social Science)
Cross-listed as CITY B338

SOCL B346 Advanced Topics in Environment and Society

This course will examine the meaning of “nature” and “environment” and how we understand our own relationship to it. We explore the social factors that shape how people define nature as variously savage or bountiful, a site of danger or entertainment, toxic or unspoiled, a force that controls human fates or a resource for humans to manipulate.
(Simpson, Division I: Social Science)
Cross-listed as CITY B345

SOCL B350 Movements for Social Justice

Throughout human history, powerless groups of people have organized social movements to improve their lives and their societies. Powerful groups and institutions have resisted these efforts in order to maintain their own privilege. Some periods of history have been more likely than others to spawn protest movements. What factors seem most likely to lead to social movements? What determines their success/failure? We will examine 20th-century social movements in the United States to answer these questions. Includes a film series. Prerequisite: At least one prior social science course or permission of the instructor.
(Karen, Division I: Social Science)

SOCL B354 Comparative Social Movements

(Hager)
Cross-listed as POLS B354

SOCL B360 Topics in Urban Culture and Society

(Hayes-Conroy, Division I: Social Science)
Cross-listed as CITY B360
Cross-listed as ANTH B359
Cross-listed as HART B359
Not offered in 2010-11.

SOCL B375 Women, Work and Family

(Golden, Division I: Social Science)
Cross-listed as POLS B375
SOCL B393 U.S. Welfare Politics: Theory and Practice
(Schram, Division I: Social Science)
Cross-listed as POLS B393
Not offered in 2010-11.

SOCL B398 Senior Conference
This is the capstone course in the major. Substantive areas of the course will vary depending on the instructor. Open to Bryn Mawr senior sociology majors only.
(Karen, Takenaka, Division I: Social Science)

SOCL B403 Supervised Work
Students have the opportunity to do individual research projects under the supervision of a faculty member.
(Staff)

SOCL B425 Praxis III: Independent Study
(Staff)

Spanish
Students may complete a major or minor in Spanish. Majors may pursue state certification to teach at the secondary level.

Faculty
Ines Monique Arribas, Senior Lecturer
Dina Brena, Instructor
Lazaro Lima, Associate Professor (on leave semesters I and II)
Kaylea Blaise Mayer, Lecturer
Maria C. Quintero, Professor
Enrique Sacerio-Gari, Professor
H. Rosi Song, Associate Professor and Chair

The major in Spanish offers a program of study in the language, literature, and culture of Spain, Latin America, and U.S. Latino communities. The program is designed to develop linguistic competence and critical skills, as well as a profound appreciation of the culture and civilization of the Hispanic world.

The language courses provide solid preparation and practice in spoken and written Spanish, including a thorough review of grammar and vocabulary, supplemented with cultural readings and activities. SPAN 200 and SPAN 202 prepare students for advanced work in literature and cultural studies while improving competence in the language. The introductory literature courses treat a selection of the outstanding works of Spanish and Spanish-American, and U.S. Latino literature in various periods and genres. SPAN 206 is devoted to advanced language training and affords practice in written Spanish. Three-hundred-level courses deal intensively with individual authors, topics, or periods of special significance.

Students in all courses are encouraged to make use of the Language Learning Center and to supplement their coursework with study in Spain or Spanish America either in the summer or during their junior year.

All students who have taken Spanish at other institutions and plan to enroll in Spanish courses at Bryn Mawr must take a placement examination. The exam is offered online by the department. Details are available from the Dean’s Office.

The Department of Spanish also cooperates with the Departments of French and Italian in the Romance Languages major.
College Foreign Language Requirement

The College’s foreign language requirement may be satisfied by completing SPAN 105 (intensive) with a grade of 2.0, or by completing SPAN 101 and 102 (non-intensive) with an average grade of at least 2.0 or with a grade of at least 2.0 in SPAN 102.

Major Requirements

Requirements for the Spanish major are SPAN 200 (formerly 110, Temas culturales), SPAN 202 (formerly 120, Análisis literario), four 200-level courses, three 300-level courses, and SPAN 398 (Senior Seminar). Two courses must be in Peninsular literature, and one should focus on pre-1700 literature. Students whose training includes advanced work may, with the permission of the department, be exempted from taking SPAN 200 and/or SPAN 202. SPAN 399 (Senior Essay) is optional for majors with a grade point average of 3.7 who want to graduate with honors, and may not be counted as one of the 300-level requirements. This major program prepares students appropriately for graduate study in Spanish.

Please note: the department offers some courses taught in English. In order to receive major and minor credit, students must do substantial reading and written work in Spanish. No more than two courses taught in English may be applied toward a major, and only one toward a minor.

Independent research (SPAN 403) is offered to students recommended by the department. The work consists of independent reading, conferences, and a long paper.

Honors

Departmental honors are awarded on the basis of a minimum grade point average of 3.7 in the major, the recommendation of the department and a senior essay (SPAN 399).

Minor Requirements

Requirements for a minor in Spanish are six courses in Spanish beyond Intermediate Spanish, at least one of which must be at the 300 level. At least one course should be in Peninsular literature.

Concentration in Latin American, Latino, and Iberian Peoples and Cultures

The Department of Spanish participates with other departments in offering a concentration in Latin American, Latino, and Iberian Peoples and Cultures.

Teacher Certification

The department also participates in a teacher-certification program. For more information see the description of the Education Program.

SPAN B001 Elementary Spanish I

Grammar, composition, conversation, listening comprehension; readings from Spain, Spanish America and the Hispanic community in the United States. Assumes no previous study of Spanish. Additional practice sessions with a language assistant.

SPAN B002 Elementary Spanish II

Grammar, composition, conversation, listening comprehension; readings from Spain, Spanish America and the Hispanic community in the United States. Additional practice sessions with a language assistant. Prerequisite: 001 or placement.

SPAN B010 Intensive Elementary Spanish I

The first half of a year long course in grammar, composition, conversation, listening comprehension; readings from Spain, Spanish America, and the Hispanic community in the United States. Meets for 9 hours per week.

SPAN B011 Intensive Elementary Spanish II

The second part of a year long course in grammar, composition, conversation, listening comprehension; readings from Spain, Spanish America, and the Hispanic community in the United States. Meets 9 hours per week. Prerequisite: SPAN B005.

SPAN B101 Intermediate Spanish I

A thorough review of grammar with intensive practice in speaking, reading, and writing (group activities and individual presentations). Readings from the Hispanic world. Additional practice and conversation sessions with a language assistant. Prerequisite: 002 or placement.

SPAN B102 Intermediate Spanish II

Examines special topics of Spanish grammar, writing intensive. Long paper as a final project. Selected readings from the Hispanic world. Additional practice and conversation sessions with a language assistant. Prerequisite: 101 or placement.

SPAN B105 Intensive Intermediate Spanish

A thorough review of grammar with intensive oral practice, frequent writing assignments, readings, and oral presentations. Prerequisite: Enrollment in this class is
limited to those students who completed 002 Intensive Elementary Spanish in spring semester 2010.
(Mayer, Language Level 2)

SPAN B107 Conversación: Intensive Practice in Conversational Spanish

This course seeks to enhance speaking proficiency through the development of vocabulary, pronunciation skills, and correct grammatical usage. Students participate in daily practice of speaking on a wide variety of topics, as well as give formal presentations. This course will not count towards the major or minor. Prerequisite: SPAN 102 or 105.
(Song)
Not offered in 2010-11.

SPAN B200 Estudios culturales de España e Hispanoamérica

An introduction to the history and cultures of the Spanish-speaking world in a global context: art, folklore, geography, literature, sociopolitical issues, and multicultural perspectives. This course does not count toward the major, but may be counted for the minor. Counts toward the Latin American, Latino and Iberian Peoples and Cultures Concentration. Prerequisite: SPAN 102 or 105, or placement.
(Song, Division III: Humanities)

SPAN B202 Introducción al análisis literario

Readings from Spanish and Spanish-American works of various periods and genres (drama, poetry, short stories). Main focus on developing analytical skills with attention to improvement of grammar. Prerequisite: SPAN 102 or 105, or placement.
(Quintero, Sacerio-Gari, Division III: Humanities)

SPAN B203 Tópicos en la literatura hispana

Topics course: content varies. Topic for Fall 2009: José Martí y equilibrio mundia
(Sacerio-Gari, Song, Jimenez, Division III: Humanities)
Not offered in 2010-11.

SPAN B208 Drama y sociedad en España

A study of the rich dramatic tradition of Spain from the Golden Age (16th and 17th centuries) to the 20th century within specific cultural and social contexts. The course considers a variety of plays as manifestations of specific sociopolitical issues and problems. Topics include theater as a site for fashioning a national identity; the dramatization of gender conflicts; and plays as vehicles of protest in repressive circumstances. Counts toward the Latin American, Latino and Iberian Peoples and Cultures Concentration.
(Quintero, Division III: Humanities)

SPAN B211 Borges y sus lectores

Primary emphasis on Borges and his poetics of reading; other writers are considered to illustrate the semiotics of texts, society, and traditions.
(Sacerio-Gari, Division III: Humanities)
Cross-listed as COML B212
Not offered in 2010-11.

SPAN B214 Encuentros caribeños: entre imperios y diásporas

This course examines Hispanic Caribbean literary and cultural production from the early colonial chronicles of exploration to contemporary Caribbean performance artists. By studying pivotal moments in Caribbean literary and cultural history we will engage the “New World’s” first multicultural center through the analysis of its complex legacies: racism, slavery, mestizaje, empire building and its dissolution, and emancipation. Course taught in Spanish. Prerequisite: SPAN B200 or B202, or any 200-level Spanish course, placement, or permission of instructor.
(Lima, Division III: Humanities)
Not offered in 2010-11.

SPAN B218 Border Crossing Narratives and Films

Our view of Latin American and U.S. Latino immigration and migration has affected film and literature. Studies border crossing and (im)migration and the debates about the nature of national affiliation for the Latino “minority” and the borders these groups transgress. Examines stereotypes about border-crossers in mainstream media and literature, and how Latino and Latin-American filmmakers have attempted to subvert these images by presenting a more complex representations and experiences. Prerequisite: Spanish B202 or equivalent.
(Lima, Division III: Humanities)
Not offered in 2010-11.

SPAN B223 Género y modernidad en la narrativa del siglo XIX

A reading of 19th-century Spanish narrative by both men and women writers, to assess how they come together in configuring new ideas of female identity and its social domains, as the country is facing new challenges in its quest for modernity. Counts toward the Latin American, Latino and Iberian Peoples and Cultures Concentration.
(Song, Division III: Humanities)

SPAN B225 La poesía hispanoamericana

Study of poetic language from the Avant-garde movements to the present. Special attention to key figures.
(Sacerio-Gari, Division III: Humanities)
Not offered in 2010-11.
SPAN B227 Genealogía de la literatura latina de los Estados Unidos

This course examines the emancipatory and sometimes collusive appropriation of “American” literature by Latina/os. The course begins a genealogical survey of Latino writing and cultural production from the 19th century to the present in order to contextualize the eventual rise of Latino ethnic particularisms from the 1960s. We will analyze how Latina/os, often living inside two languages and cultures, inflect the national landscape by erasing both literal and linguistic “American” borders in a country made up largely of immigrants. We will analyze how the mass media constructs “insiders” and “outsiders” by delimiting access to cultural capital with demands for assimilation.
(Lima, Division III: Humanities)
Not offered in 2010-11.

SPAN B231 El cuento y novela corta en España

Traces the development of the novella and short story in Spain, from its origins in the Middle Ages to our time. The writers will include Pardo Bazán, Cervantes, Clarin, Don Juan Manuel, Matute, María de Zayas, and a number of contemporary writers such as Julián Marias and Soledad Puértolas. Our approach will include formal and thematic considerations, and attention will be given to social and historical contexts.
(Quintero, Division III: Humanities)
Not offered in 2010-11.

SPAN B248 Reception of Classical Literature in the Hispanic World

(Barrenechea, Division III: Humanities)
Cross-listed as COML B248
Cross-listed as CSTS B248

SPAN B260 Ariel/Calibán y el discurso Americano

A study of the transformations of Ariel/Calibán as images of Latin American culture. Counts toward the Latin American, Latino and Iberian Peoples and Cultures Concentration.
(Sacerio-Gari, Division III: Humanities)
Cross-listed as COML B260

SPAN B265 Escritoras españolas: entre tradición, renovación y migración

Fiction by women writers from Spain in the 20th and 21st century. Breaking the traditional female stereotypes during and after Franco’s dictatorship, the authors explore through their creative writing changing socio-political and cultural issues including regional identities and immigration. Topics of discussion include gender marginality, feminist studies and the portrayal of women in contemporary society.
(Song, Division III: Humanities)
Not offered in 2010-11.

SPAN B287 Cervantes

A study of themes, structure, and style of Cervantes’ masterpiece Don Quijote and its impact on world literature. In addition to a close reading of the text and a consideration of narrative theory, the course examines the impact of Don Quijote on the visual arts, music, film, and popular culture. Counts toward the Latin American, Latino and Iberian Peoples and Cultures Concentration.
(Quintero, Division III: Humanities)
Not offered in 2010-11.

SPAN B309 La mujer en la literatura española del Siglo de Oro

A study of the depiction of women in the fiction, drama, and poetry of 16th- and 17th-century Spain. Topics include the construction of gender; the idealization and codification of women’s bodies; the politics of feminine enclosure (convent, home, brothel, palace); and the performance of honor. The first half of the course will deal with representations of women by male authors (Calderón, Cervantes, Lope, Quevedo) and the second will be dedicated to women writers such as Teresa de Ávila, Ana Caro, Juana Inés de la Cruz, and María de Zayas.
(Quintero, Division III: Humanities)
Not offered in 2010-11.

SPAN B310 La condición pos-mortem: pos/modernidad periférica en la narrativa e historia actual mexicana.

The figuration of “death” in Mexican literature and culture has served as a central metaphor for the critique of modernity and has become one of Mexico’s principle symbols of cultural identity. The counter revolutionary movements of the ‘60s, however, initiated a series of post-mortem (after death) identity projects that served as aesthetic responses to Mexico’s considerable investment in modernity’s unfulfilled cultural, political and economic promises. This new post-mortem aesthetic has begun to reconceptualize the fictions of national progress by focusing on the corporeality of citizenship and migration. Prerequisites: one 200-level Spanish course or permission of the instructor.
(Lima, Division III: Humanities)
Not offered in 2010-11.

SPAN B311 Crimen y detectives en la narrativa hispánica contemporánea

An analysis of the rise of the hardboiled genre in contemporary Hispanic narrative and its contrast to classic detective fiction, as a context for understanding contemporary Spanish and Latin American culture. Discussion of pertinent theoretical implications and the social and political factors that contributed to the genre’s evolution and popularity.
(Song, Division III: Humanities)
Cross-listed as COML B312
Not offered in 2010-11.
SPAN B318 Adaptaciones literarias en el cine español

Film adaptations of literary works have been popular since the early years of cinema in Spain. This course examines the relationship between films and literature, focusing on the theory and practice of film adaptation. Attention will be paid to the political and cultural context in which these texts are being published and made into films. Counts toward the Latin American, Latino and Iberian Peoples and Cultures Concentration. Prerequisite: A 200-level course in Spanish, SPAN 208.
(Song, Division III: Humanities)

SPAN B320 Surrealismo español poesía, arte, y cine

A multimedia study of the development of a surrealistic ethic in Spain in the 20th century as represented chiefly in the works of Federico García Lorca, Luis Buñuel, and Salvador Dalí, among others. The scope and validity of the Spanish surrealistic movement will be examined in relation to its originating principles: Freud’s psychoanalytic theory, and the artistic and political manifestos of the avant-garde. Through the study of works of poetry, art, and film, we will also discuss the relationship between the theoretical and historical background of this artistic movement as we contrast art and politics, artistic freedom and political commitment.
(Song, Division III: Humanities)
Not offered in 2010-11.

SPAN B321 Del surrealismo al realismo mágico

Examines artistic texts that trace the development and relationships of surrealism, lo real maravilloso americano, and magic realism. Manifestos, literary and cinematic works by Spanish and Latin American authors will be emphasized. Prerequisite: a 200-level Spanish course.
(Sacerio-Gari, Division III: Humanities)
Not offered in 2010-11.

SPAN B327 La novela latina en la edad de la globalización

In the United States Latino literature is often construed as a “minority” literature, charting immigrant experiences. In Latin America, it is often seen as testing the limits and considered “inferior.” This course studies this phenomenon in relation to the linguistic, historical, racial, ethnic, and sexual assumptions that undergird the study of national literatures.
(Lima)
Not offered in 2010-11.

SPAN B331 TransNation: U.S. Latino and Latin American Queer Diasporas

This course engages the vanguard of U.S. Latino and Latin American theoretical debates about state formation in the construction of citizenship from the perspective of queer and transgender studies. Explores recent theoretical and cultural works that challenge traditional understandings of gender, sexuality, ethnic identity, nationalism, state-formation, citizenship, and the body. Analyzes the limits of cultural and theoretical interface between U.S. Latino, Latin American and Anglo-American cultural theory.
(Lima, Division III: Humanities)
Not offered in 2010-11.

SPAN B351 Tradición y revolución: Cuba y su literatura

An examination of Cuba, its history and its literature with emphasis on the analysis of the changing cultural policies since 1959. Major topics include slavery and resistance; Cuba’s struggles for freedom; the literature and film of the Revolution; and literature in exile.
(Sacerio-Gari, Division III: Humanities)
Not offered in 2010-11.

SPAN B398 Senior Seminar

The study of special topics, critical theory and approaches with primary emphasis on Hispanic literatures. Topics will be prepared jointly with the students.
(Sacerio-Gari)

SPAN B399 Senior Essay

Available to students whose proposals are approved by the department.
(Sacerio-Gari)

SPAN B403 Supervised Work

Independent reading, conferences, and a long paper; offered to senior students recommended by the department.
(Staff)